

MISA QA DATA SUMMARIES

**REPORT ON THE REDUCTION AND EVALUATION
OF THE TRAVELLING SPIKED BLANK DATA
FROM THE COMBINED MISA DATABASES**

Report Prepared By:

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and
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Laboratory Services Branch
Ontario Ministry of the Environment and Energy

June 14, 1993

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ABSTRACT

Since the inception of the MISA (Municipal Industrial Strategy for Abatement) program and promulgation of the first effluent monitoring regulation in July of 1988, the Laboratory Services Branch (LSB) has been actively involved in the development of sampling, analytical and reporting criteria that would support the data quality objectives of the program.

The Quality Management Unit (QMU) of LSB has continued to support the MISA program, providing consultation on quality assurance/quality control (QA/QC) concerns to both ministry and private stakeholders, as well as laboratory audit services, methods distribution, inter-laboratory studies, and a window to the analytical expertise of the LSB.

In the tradition of providing services which encourage the improvement of the data produced by Ontario's private and commercial laboratories, the QMU undertook an intensive evaluation of the QA data reported under the MISA program.

The MISA databases contain the results of the analyses of more than 140,000 QA samples (travelling blanks, travelling spiked blanks, and field duplicates). This report investigates specifically the travelling spiked blank data, which amounts to 37,790 results produced by 38 laboratories.

Model performance criteria are presented which may be of use in guiding future regulatory analytical requirements. The models indicate that many laboratories typically achieve average recoveries within the range 85% to 100% for most organic parameters, and 95% to 105% for metals and hydrides.

INTRODUCTION

The MISA program is an initiative of the government of Ontario first announced by the Minister of the Environment in 1986. The primary goal, at that time, was the "virtual elimination of toxic contaminants in municipal and industrial discharges into waterways".¹

It consisted of two phases. Phase 1 extended for one year to gather data for use in determining the need for specific effluent discharge limits, and to assist in establishing defensible limits. Phase 2 would then see the promulgation of these limits.

194 Industries were categorized into 9 sectors: Petroleum, Organic Chemical, Inorganic Chemical, Pulp and Paper, Electric Power Generating, Mining, Metal Casting, Iron and Steel, and Industrial Minerals. The 9 sectors completed a year of self-monitoring during which their effluents were analyzed for up to 254 parameters at frequencies varying from annual to daily. The various sector databases were completed between June 1991 and September 1993.

Field and laboratory QA/QC requirements were built into the MISA program to support the effluent data being generated.² Bench QC requirements included the analyses of blank, spiked blank and replicate samples at specified frequencies, as well as requiring the use of standard reference materials (SRM's). Laboratories were required to establish "reasonable" control limits for the bench QC samples.

The field QA/QC requirements included the provision and subsequent analysis of travelling blank, travelling spiked blank, and duplicate samples at specified frequencies.

The objective of this report is to provide the groundwork for evaluating relative performance among laboratories. It will also identify parameters that have chronic (across laboratories) performance shortcomings, and will facilitate the identification of those facilities that display systematic analytical problems across several analytes.

Information of this nature will facilitate more effective laboratory audits, since potential and actual problem parameters for a laboratory can be easily identified in advance.

¹A Policy and Program Statement of the Government of Ontario on Controlling Municipal and Industrial Discharges into Surface Waters. Queen's Printer for Ontario, 1986.

²Ontario Regulation 695/88 as amended to Ontario Regulation 533/89 under the Environmental Protection Act.

Of course the validity of the results of this report depends on the quality of the data provided by the laboratories. Assuming the data has validity, it has a characteristic that most round-robin data sets lack. Namely the analyses would have been performed by the same analysts that normally perform the analyses, and probably with the same level of care with which "routine" samples are treated. The workload imposed by MISA on most laboratories would have made it difficult to set aside the extra time and care often afforded round-robin samples.

This report focuses on the "travelling spiked blank" data contained in the MISA databases. A travelling spiked blank sample is a sample of uncontaminated water to which a known quantity of the target parameters have been added by the laboratory in the 24 hour period preceding travel. This sample accompanies sample containers from the laboratory to the sampling site but is not opened at the site.³

Travelling spiked blank data will indicate whether the recovery of a parameter is influenced by transport and storage time of the sample, as well as analytical shortcomings. Since sample storage conditions were clearly defined for MISA, it is reasonable to look across laboratories and evaluate inter-laboratory differences in analyte recoveries as well as differences in precision. However, this data does not address the relative bias that may be present in the laboratory's data since there is no indicator of the accuracy of the standards used.

In addition to the travelling spiked blank data, travelling blank and duplicate data was also reported and archived in the MISA databases. A travelling blank is a sample of uncontaminated (distilled) water that accompanies a set of sample containers from the laboratory to a sampling point where it is opened, preserved, resealed and returned to the laboratory with a set of samples for analyses. A duplicate sample is one of two samples collected at the same time in a manner that minimizes differences between samples.

³Report on the Analysis of the Quality Assurance and Quality Control Data for the Petroleum Refining Sector. N. Thornton et al, Queen's Printer for Ontario, 1992.

DATA HANDLING

The nine sector databases were received over a period of more than a year, with the last database (Electric Power Generating) arriving in September of 1993.

Programs were written using PCFocus™ that extracted the QA data from the databases. The extracted QA data was combined into 3 sub-databases: MISADUP contains the field duplicate/replicate data; MISASPK contains the travelling spiked blank data; MISABLK contains the travelling blank data.

TABLE 1: STRUCTURES OF ORIGINAL AND EXTRACTED DATABASES

ORIGINAL DATABASE STRUCTURE		MISASPK STRUCTURE		MISABLK STRUCTURE		MISADUP STRUCTURE	
FIELD NAME	FIELD TYPE	FIELD NAME	FIELD TYPE	FIELD NAME	FIELD TYPE	FIELD NAME	FIELD TYPE
SECTOR	A5	SECTOR	A6	SECTOR	A6	SECTOR	A6
COMPANY	A10	TEST	A6	TEST	A6	TEST	A6
LOCATION	A4	RMDL	D15.4	RMDL	D15.4	METHOD	A6
SDATE	I6YMD	METHOD	A6	METHOD	A6	COMPID	A14
STIME	A4	COMPID	A14	COMPID	A14	SDATE	I6YMD
STYPE	A3	SDATE	I6YMD	SDATE	I6YMD	SAMPLE	D15.4
SNUM	A8	RESULT	D15.4	RESULT	D15.4	REMARK1	A3
SFREQ	A2	REMARK	A3	REMARK	A3	DUP_REP	D15.4
TEST	A6	EXPECTED	D15.4	LAB CODE	A6	REMARK2	A3
UNIT	A3	RECOVERY	D15.4			DUP_DIFF	D15.4
PSCAL	A3	LAB CODE	A6			AVG_CONC	D15.4
REMARK	A3					LAB CODE	A6
VALUE	P12.3						
METHOD	A6						
ADATE	I6YMD						
CDATE	I6YMD						

The original databases were linked to 2 support files. A "company" file contained specifics about the sampling location, while a "parameter" file contained specifics about each parameter relevant to the sector.

The original databases required anywhere from about 10 to 40 megabytes of disk storage capacity. In total, close to 200 megabytes of storage capacity was required to handle all the databases.

At the project management level several groups took responsibility for the structure of the various sector databases, and as a result some inconsistencies arose between the databases and their support files across sectors. In order to allow the merging of QA data from all of the sectors, it became necessary to standardize the database structure, as well as create a unique "parameter" support file. The generic support file "Testlist" was created in order to allow links to be made with sample information across all sectors.

TABLE 2: STRUCTURES OF SUPPORT FILES				
"TESTLIST" SUPPORT FILE STRUCTURE			TYPICAL "COMPANY" SUPPORT FILE STRUCTURE	
FIELD NAME	FIELD TYPE		FIELD NAME	FIELD TYPE
TEST	A6		COMPID	A14
ATG	A2		NUMBER	I2
PARAMETER	A30		NAME	A30
RMDL	D15.4		SCLASS	A2
RUNIT	A7		E_TYPE	A2
			CTRLPT	A4
			STREAM	A33
			SUBCAT	A2
			CATEGORY	A1
			S_SORT	A1

Examples of inconsistencies between sectors include: missing sector designations; different field types for the same item; different reporting units for the same parameter; a parameter classified into a different analytical test group (ATG). In order to address these inconsistencies, numerous programs were written that allowed the standardization of the databases. (See **Appendix 5: Misaspk.fex**).

Once the QA databases had been extracted, programs were written to generate LotusTM compatible spreadsheets (See **Appendix 5: Spkstat4.fex, Boxplot.fex**). These spreadsheets were imported into StatgraphicsTM, which was used to produce the graphical summaries.

Confidentiality was ensured by the use of numerical codes in place of laboratory identifiers.

Some 790 graphs were produced. Every attempt was made to minimize the huge volume of data into formats that would allow both an overview of parameter recovery and allow laboratory intercomparisons.

TABULAR SUMMARIES

Summary statistics for travelling spiked blank data are presented in tabular form in **Appendix 2**. Results are presented as (difference from expected)/RMDL⁴ (regulation method detection limit). RMDL increments allow multiple tests to be compared on an equal footing, since tests have variable reporting units and variable detection limits. For example, results for travelling spiked blanks that have an expected value of 1 RMDL or less, should fall within .66 RMDL units (2 standard deviations) of the average for any laboratory (95% confidence level).

Scaling the data distribution relative to the RMDL allows the evaluation of the acceptability of this "spread" for the MISA program. Obviously, as concentrations increase, the range of acceptable performance will also increase. As a rule of thumb, the spread should usually be less than 25% of the expected value or RMDL (whichever is larger).

An excerpt from the tables in **Appendix 2** is presented in Table 3. **Appendix 1** contains a summary of the test codes, test descriptions, units of measure, and RMDL for each ATG (analytical test group) to facilitate the calculation of concentrations.

TABLE 3: Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X11122	1,1,2,2-Tetrachloroethane	0.43	10	0.01	0.20	10	-0.25	-0.02	0.03	0.32
16	X11122	1,1,2,2-Tetrachloroethane	0.50	4	-0.12	0.11	4	-0.28	-0.11	-0.08	-0.02
16	X1112T	1,1,2-Trichloroethane	5.00	7	-0.88	0.10	10	-1.00	-0.88	-0.83	-0.50
16	X1112T	1,1,2-Trichloroethane	6.67	5	-1.08	0.66	6	-1.85	-1.10	-1.00	0.73
16	X1112T	1,1,2-Trichloroethane	8.33	63	0.73	1.10	68	-0.17	0.67	1.83	5.00
16	X1CHLO	Chloroform	9.00	20	-0.17	2.53	24	-2.71	0.57	2.00	19.57
16	X1CHLO	Chloroform	14.29	53	0.12	1.18	64	-0.86	0.00	1.23	24.29
16	X1CHLO	Chloroform	28.57	107	-1.12	1.99	132	-2.86	-1.43	0.00	18.57

The tables present the number of observations (N), average (AVG), standard deviation (S) of the data at a given spiking concentration (EXPECTED) omitting any

⁴Estimation of Analytical Method Detection Limits (MDL). Queen's Printer for Ontario, 1991.

results beyond the median ± 1.5 times the interquartile (3RD-1ST) range, as well as the number of observations (N_ALL), quartiles (1ST, 2ND, 3RD, 4TH), for all the data (outliers included) for each parameter. Parameters are grouped into analytical test groups (ATG's) e.g. Halogenated Volatiles are in ATG 16.

The data are presented at each "EXPECTED" concentration within a parameter in order to allow more realistic comparisons of statistics across parameters. A laboratory can associate its own data with these tables by looking up similar "EXPECTED" levels. When recovery data is presented as "percent recovery" low level data tends to acquire a very broad distribution, whereas in absolute units, the distribution is very tight, thus creating a more favourable impression for laboratories that are able to achieve relatively low detection limits.

Quartiles are a useful tool to assess the actual distribution of data, and can reveal unusually biased results which may be hidden in the average and standard deviation estimates. If the data is arranged in order from lowest to highest result, then 25% of the data will fall at or below the 1st quartile, 50% of the data will fall at or below the 2nd quartile (median), 75% of the data will fall at or below the 3rd quartile, and 100% of the data will fall at or below the 4th quartile.

GRAPHICAL SUMMARIES

The travelling spiked blank data is summarized as 3-dimensional histograms, xy scatterplots and notched box-and-whisker diagrams.

3-DIMENSIONAL HISTOGRAMS:

These graphs summarize the average recovery of a parameter for a laboratory. They provide a simple means of comparing the performance of several laboratories.

Three analytical test group (ATG) groupings are presented. ATG's 9, 10, and 12 combine the results for metals, hydrides, and mercury; ATG's 16, 17, and 18 combine halogenated volatiles, non-halogenated volatiles, and water-soluble volatiles; ATG's 19, 20, 23, 24, 26, and 27 combine base-neutral extractables, acid extractables, neutral chlorinated extractables, chlorinated dioxins and furans, fatty and resin acids, and PCB's.

The two "horizontal" axes represent laboratory (Lab Code) and % recovery range (Category). The vertical axis represents the percentage (for a laboratory) of the frequency of results that fall within any combination of Lab Code and Category. Data reduction is taken to an extreme, and care must be taken in drawing conclusions from these graphs, yet they still provide a useful snapshot of the performance of several laboratories.

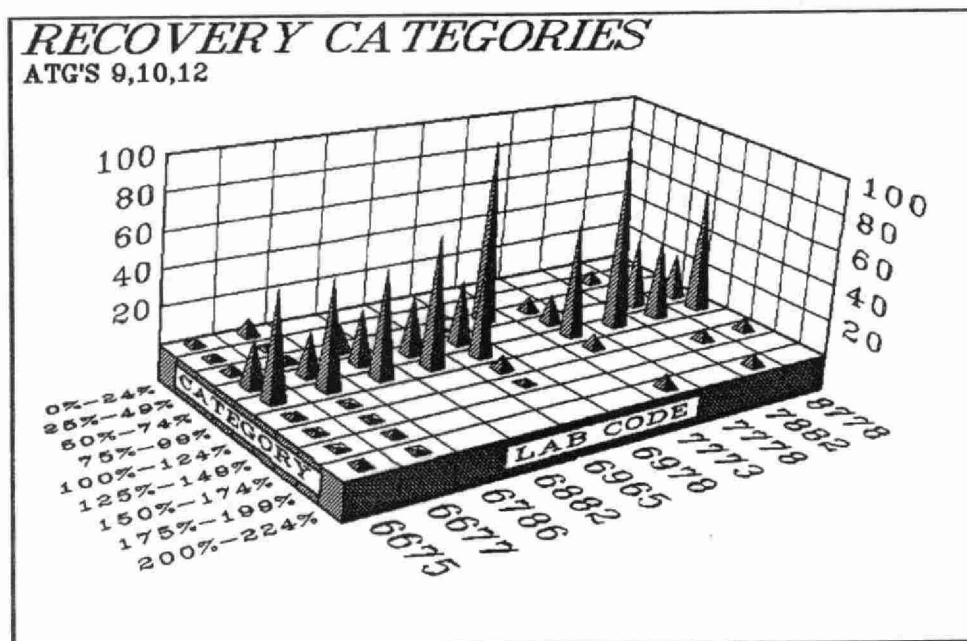


Figure 1: Frequencies of Percent Recovery Occurrences Within Nine Range Categories

This plot illustrates the performance of laboratories that performed analyses for ATG's 9, 10, and 12 (Metals and Hydrides). Ideally in this graph, because of the selection of intervals, we should see 2 approximately equal peaks within the interval 75% to 124%. Laboratory 6978 consistently under-recovers between 50% and 74%. Some extreme over-recoveries (over 200%) are apparent for laboratories 6675, 6677, 7773, and, 7882. Unusually low recoveries (less than 25%) are reported by laboratories 6675, and 6677.

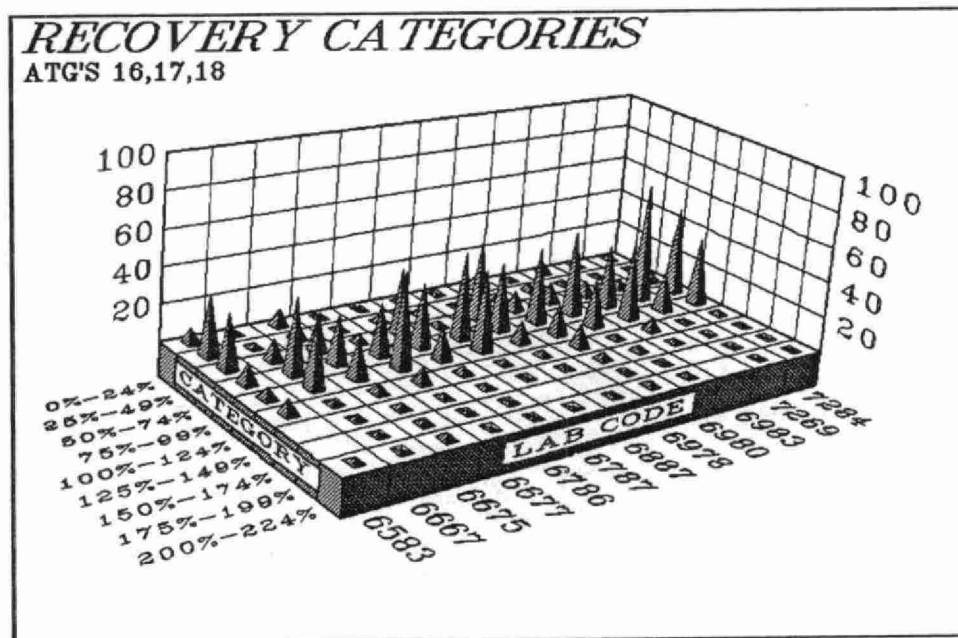


Figure 2: Frequencies of Percent Recovery Occurrences Within Nine Range Categories

This is the first of two plots (too many laboratories to fit in one graph) for ATG's 16, 17, and 18 (Volatile Organics). Most of the data lies between 75% and 125%, as expected, however, most of the laboratories have a small percentage of data above 200%. Laboratory 6583 appears to have relatively low recoveries, with about 30% of the data falling below 49% recovery.

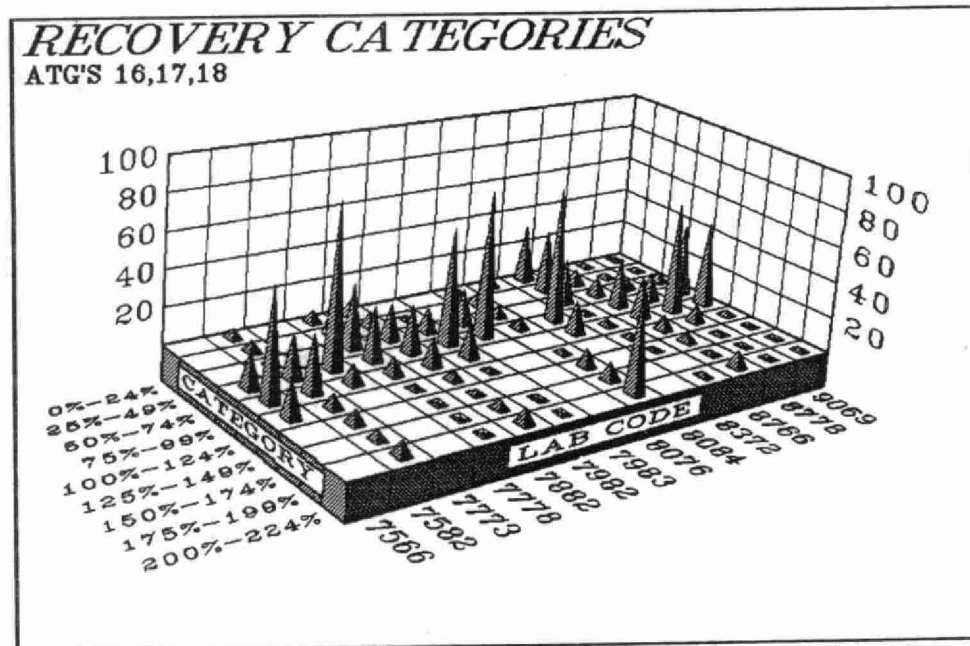


Figure 3: Frequencies of Percent Recovery Occurrences Within Nine Range Categories

Figure 3 illustrates the performance of the second half of the laboratories that performed analyses for ATG's 16, 17, and 18 (Volatile Organics). There is no clear trend for this data set. Laboratory 8076 stands out as having approximately 50% of its results above 200% recovery. Laboratory 8372 has about 50% of its data below 49% recovery, with half of that data falling below 24% recovery. The "flat" distribution for laboratories 7582, 7778, 7882, and 8766 is undesirable since it indicates a general lack of analytical control.

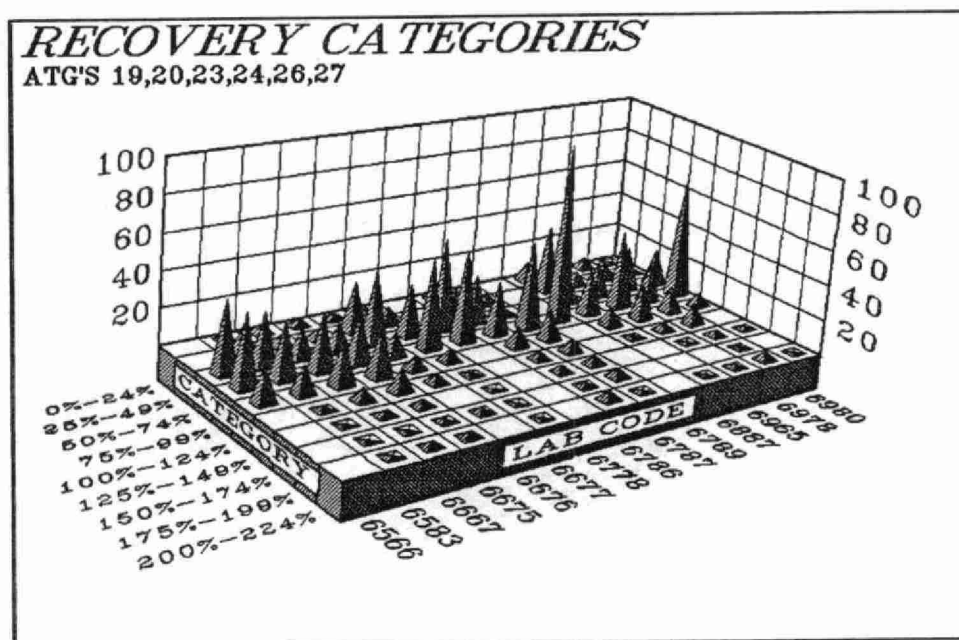


Figure 4: Frequencies of Percent Recovery Occurrences Within Nine Range Categories

Figure 4 illustrates the performance of 14 out of 30 laboratories that performed analyses for ATG's 19, 20, 23, 24, 26, and 27 (Extractable Organics). Laboratory 6789 has a desirable "tight" distribution with all of its data falling between 75% to 99% recovery. Less desirable "flat" distributions are apparent for several laboratories (6583, 6767, 6675, 6786, and 6978). Laboratory 6887 has a broad distribution, but a large percentage (about 40%) of its data falls below 49% recovery.

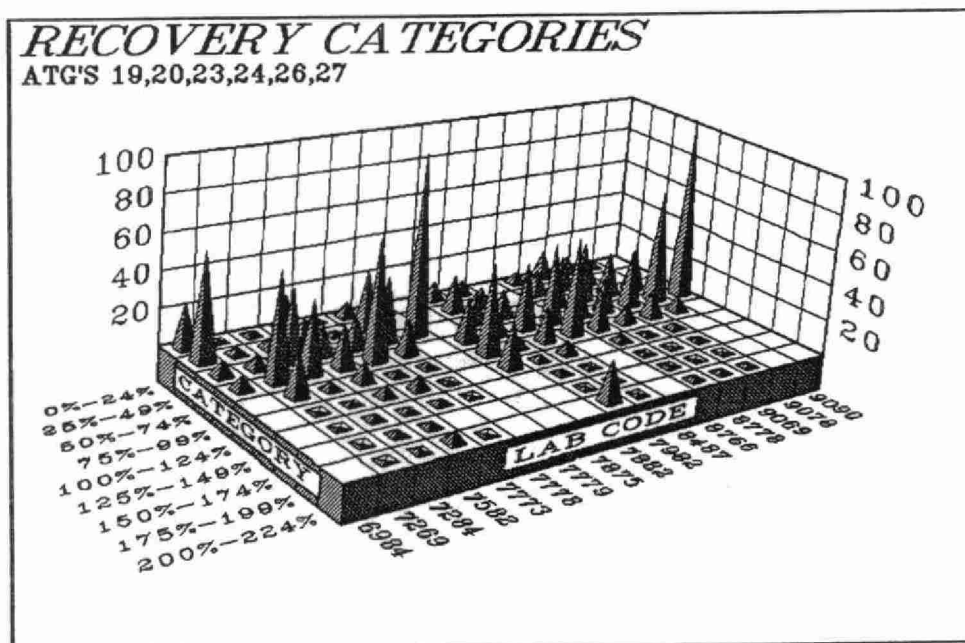


Figure 5: Frequencies of Percent Recovery Occurrences Within Nine Range Categories

Figure 5 summarizes the performance of the remaining 16 laboratories that performed analyses for ATG's 19, 20, 23, 24, 26, and 27 (Extractable Organics). Laboratory 6984 stands out as having more than 60% of its data below 49% recovery. A number of "flat" distributions are apparent for laboratory 7582, 7882, 7982, 8766, 8778, and 9069. Laboratory 7882 has an unusual distribution where about 20% of its data falls above 200% recovery, and about 20% falls below 49% recovery.

XY SCATTERPLOTS

Travelling Spiked Blanks:

XY scatterplots are presented in **Appendix 3**. XY scatterplots summarize the recovery of a parameter over the range of spiking concentrations used by the laboratories. Outliers have been excluded using a criteria of the median $\pm 1.5 \times$ the interquartile (3rd minus 1st) range at any given spiking concentration. The vertical axis is expressed as the difference from expected (found-expected) divided by the RMDL. The horizontal axis represents the spiking concentration divided by the RMDL.

Please refer to the table in **Appendix 1** for detailed information related to each "test code".

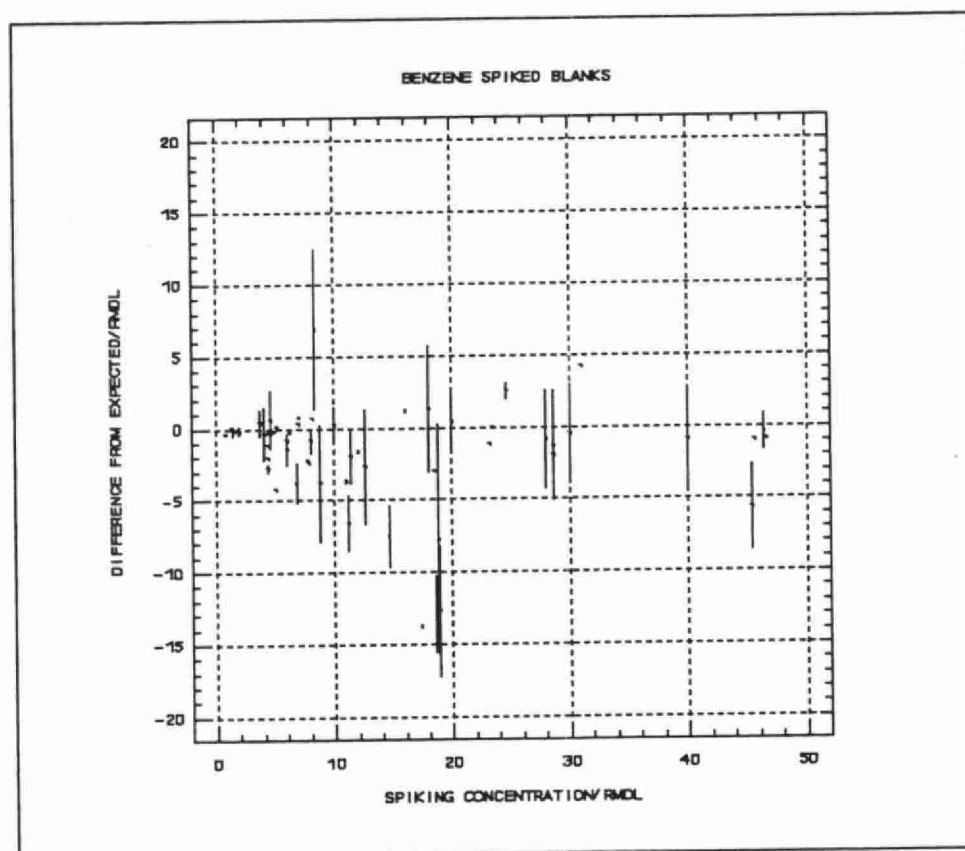


Figure 6: Differences from expected for travelling spiked blank data expressed as average (dot) and standard deviation (whisker) at each spiking concentration.

Figure 6 provides an example of an XY scatterplot for benzene. The averages tend to vary randomly across the spiking range, with no definitive pattern of recovery. In most cases, the data at a given spiking concentration belongs to a single laboratory.

The horizontal axis through 0 represents 100% recovery. A line between the points (0,0) and (40,-20) would represent the 50% recovery line. Essentially all of the averages fall above this 50% recovery line. Two averages at approximately 19 RMDL, fall below the 50% recovery line. One average, at approximately 8 RMDL, is biased high by about 66%. Dots without "whiskers" represent single results.

The "whiskers" represent the standard deviation at each spiking level, and one would not expect the "whiskers" to extend beyond .33 RMDL units at a spiking level of 1 RMDL, since the laboratories had to achieve a precision adequate to meet the RMDL. Applying a limit on standard deviation of 33% of the spiking concentration, one can see that the laboratory(s) with an average over-recovery of 7 RMDL has an unusually large standard deviation (about 5 RMDL).

These plots are intended to provide a means for laboratories to quickly assess their own performance (at a given spiking concentration) relative to other laboratories. They are designed to complement the box and whisker plots, which detail the results for each laboratory.

NOTCHED BOX-AND-WHISKER PLOTS

Notched box-and-whisker plots are presented in **Appendix 3**. Detailed information on the performance of individual laboratories can be gleaned from these plots. They illustrate the 1st, 2nd (median), and 3rd quartiles of the data (found minus expected) produced by a given lab (lab_code) for each parameter. The "whiskers" extend to the furthest data point within 1.5 times the interquartile (3rd minus 1st) range.

The width of the "box" is proportional to the square of the number of data points. The "notch" represents the 95% confidence limit of the median.⁵

Figure 7 shows 2 box and whisker plots of travelling spiked blank data from several laboratories for 1,1,2,2-tetrachloroethane. Note that the x-axis (lab_code) identifies not only the laboratory that produced the data, but also the spiking concentration used by that laboratory e.g. 005_6687, where the first 3 digits represent the spiking concentration (as a multiple of RMDL), and the last four digits represent the laboratory.

The vertical axis has RMDL increments, and the vertical axis title is the test code followed by a 2 digit number and has the suffix ".DIFF" indicating that the differences from the expected values are being plotted for each laboratory. Please refer to the table in **Appendix 1** for detailed information related to each "test code".

This format was chosen because a great deal of information can be gleaned from these plots for each laboratory, as well as allowing relatively easy comparisons between laboratories.

Desirable features that one would expect from a well-controlled laboratory, include a relatively narrow range between the 3rd and 1st quartiles, small or non-existent "whiskers", no outliers, and the median well-defined by a small "notch".

If the distribution is very flat the "notch" may be longer than the "box" as evidenced by laboratories 7882, and 8766. If the notches of two laboratories do not overlap, then their medians are significantly different, as evidenced by laboratories 6787 and 6980.

Within a graph, the individual laboratory box-and-whisker diagrams are scaled to the laboratory with the largest number of data points. One cannot compare the width of diagrams across graphs.

⁵Some Implementations of the Boxplot, M. Frigge et al, American Statistician, 43:50-54, 1989.

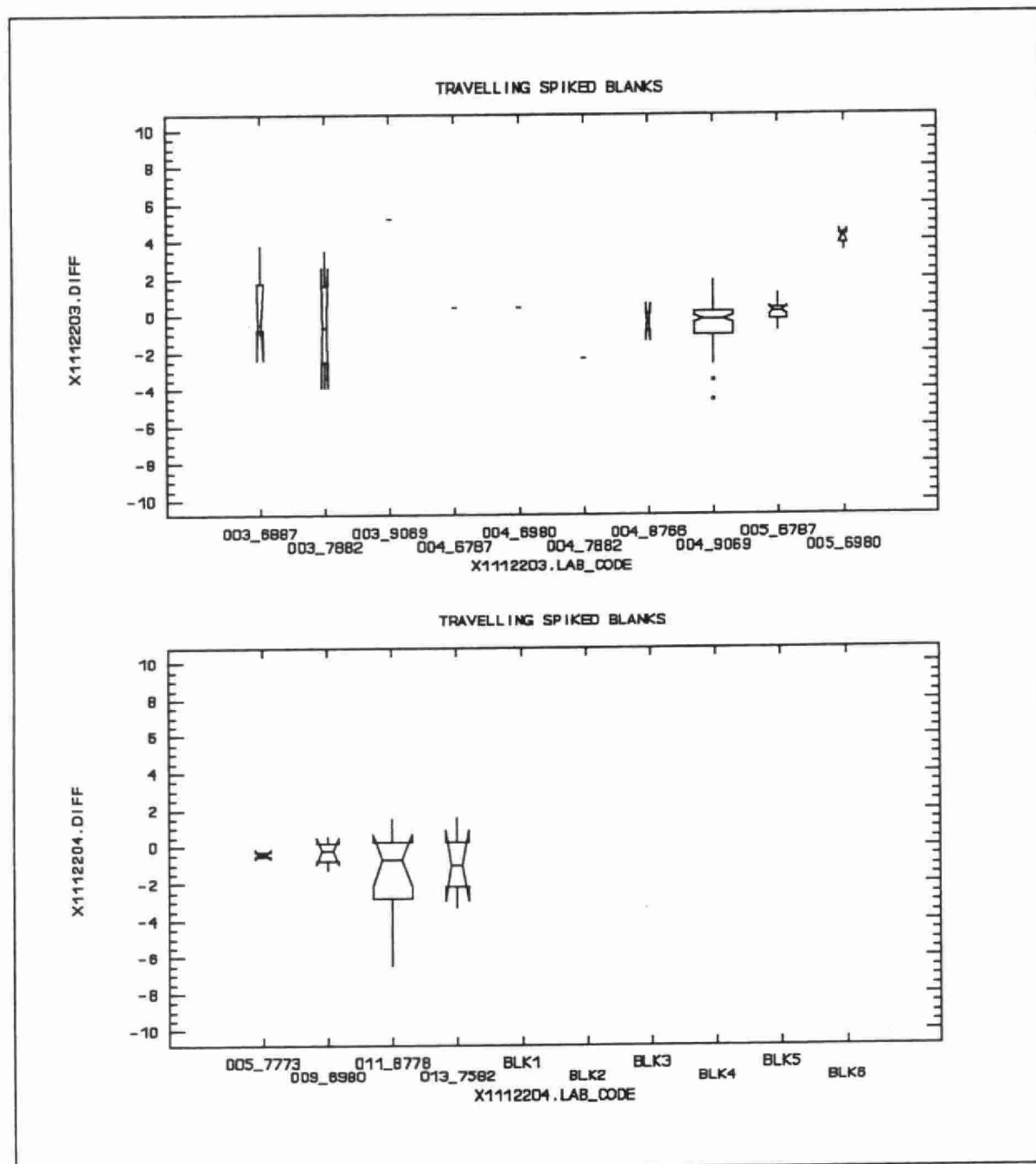


Figure 7: Notched box and whisker plots of travelling spiked blank data from several laboratories for 1,1,2,2-tetrachloroethane.

In some cases, unusual recoveries can be attributed to a laboratory repeatedly reporting an incorrect "expected" value. Results for laboratory 6980 at a spiking level of 003 RMDL are consistently biased high by about 4 RMDL. It appears as though this data should have been reported at an expected (spiking) level of about 9 RMDL, and in fact laboratory 6980 does report data at a spiking level of 9 RMDL.

BLK1, BLK2, etc., represent "dummy" laboratories that were created in order to maintain a consistent scaling for the horizontal axis.

PERFORMANCE MODELS FOR TRAVELLING SPIKED BLANKS

One of the goals of this project was to develop a series of performance "models" that could be used to guide future regulatory requirements. To that end, a series of graphs and tables were created from the MISA travelling spiked blank data that summarize the performance of laboratories for each parameter within an analytical test group.

Only laboratories that could achieve an average recovery within 75% to 125% were included in the summaries. The minimum, average, and maximum number of data points per test are presented for each analytical test group in TABLE 4.

TABLE 4: Minimum, Average, and Maximum Number of Data Points Per Test for each Analytical Test Group (ATG).			
ATG (ANALYTICAL TEST GROUP)	MINIMUM NUMBER OF DATA PER TEST	AVERAGE NUMBER OF DATA PER TEST	MAXIMUM NUMBER OF DATA PER TEST
09 (Metals)	27	37	45
10 (Hydrides)	2	2	2
12 (Mercury)	25	25	25
16 (Halogenated Volatiles)	96	359	412
17 (Non-Halogenated Volatiles)	145	364	446
18 (Water-Soluble Volatiles)	11	87	163
19 (Base Neutral Extractables)	2	175	288
20 (Acid Extractables)	25	199	315
23 (Neutral-Chlorinated Extractables)	48	136	191
24 (Dioxins/Furans)	2	2	2
26 (Resin and Fatty Acids)	15	28	90
27 (Total PCB's)	142	142	142

The graphs illustrate the average recovery and standard deviation for each parameter within an analytical test group. The "dot" represents the average recovery, while the "whisker" represents the standard deviation. The numbers on the horizontal axis represent the individual parameters, which are described in the accompanying table.

The tables supplement the graphs by providing the parameter name (PARAMETER), the number of laboratories used in the calculations (N), the average (AVG), and the standard deviation (S).

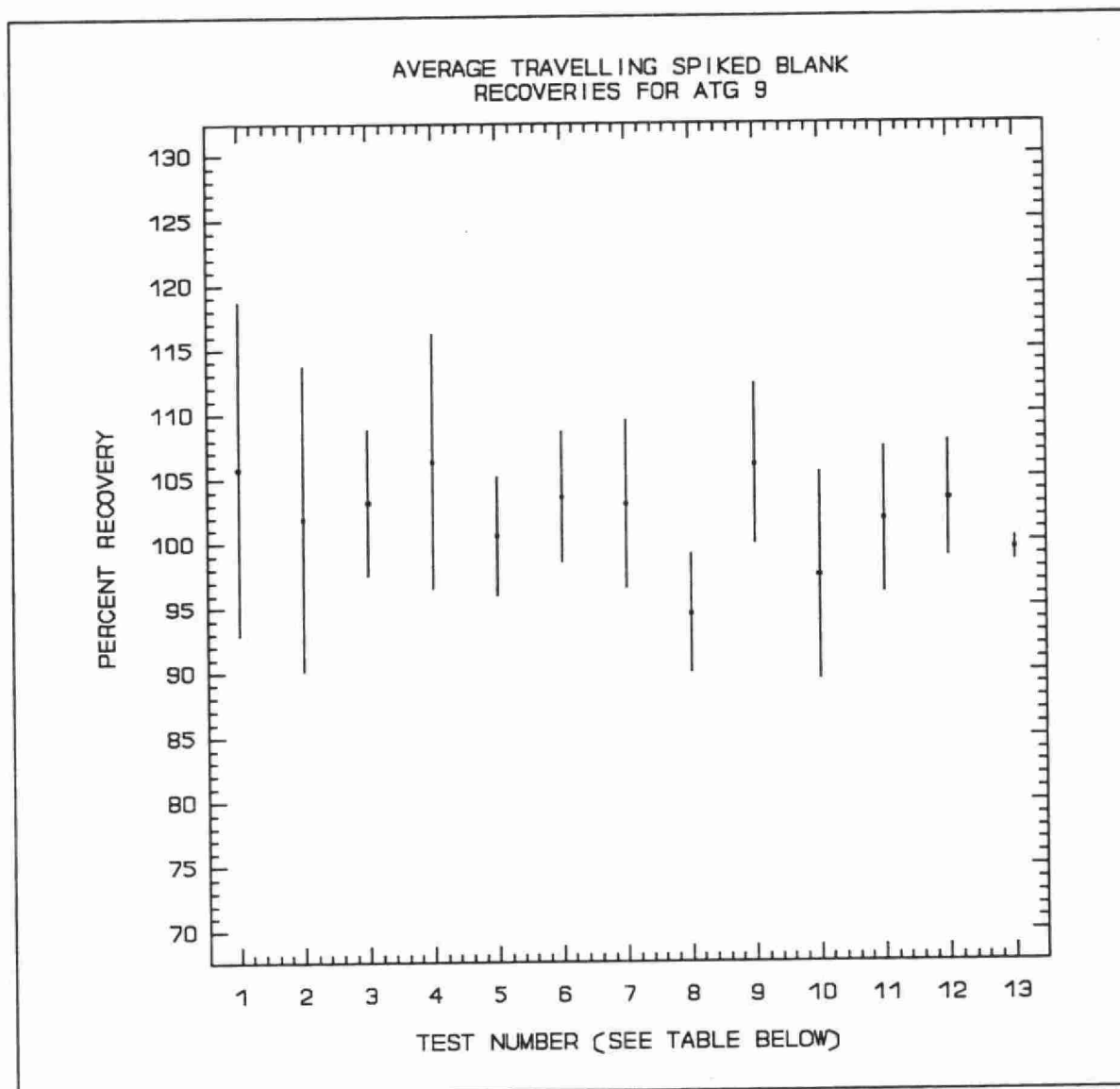


Figure 8: Model of Average and Standard Deviation for the Recovery of Tests in ATG 9
(Metals)

**TABLE 5: ATG 09 (Metals): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	AGUT	Silver	4	105.746	12.871
2	ALUT	Aluminum	4	101.897	11.759
3	BEUT	Beryllium	4	103.144	5.638
4	CDUT	Cadmium	3	106.328	9.803
5	COUT	Cobalt	4	100.548	4.572
6	CRUT	Chromium	3	103.545	5.018
7	CUUT	Copper	5	103.000	6.468
8	MOUT	Molybdenum	4	94.498	4.585
9	NIUT	Nickel	4	106.027	6.139
10	PBUT	Lead	5	97.406	7.978
11	TLUT	Thallium	5	101.759	5.588
12	VVUT	Vanadium	4	103.326	4.434
13	ZNUT	Zinc	3	99.449	0.874

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

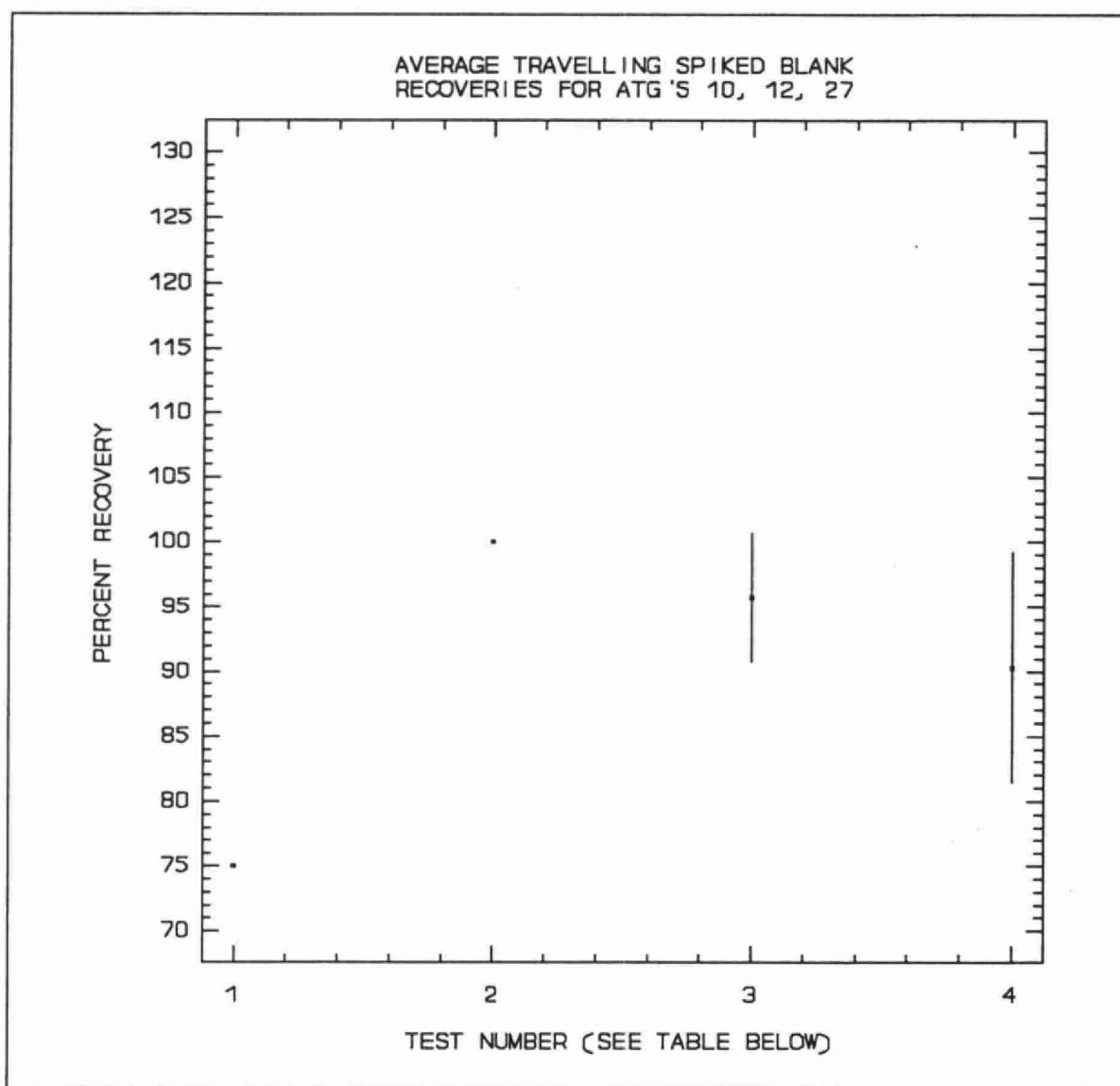


Figure 9: Model of Average and Standard Deviation for the Recovery of Tests in ATG's 10 (Hydrides), 12 (Mercury), 27 (Total PCB's).

**TABLE 6: ATG's 10 (Hydrides), 12 (Mercury), 27 (Total PCB's): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	ASUT	Arsenic	1	75.000	0.000
2	SBUT	Antimony	1	100.000	0.000
3	HGUT	Mercury	4	95.720	4.918
4	P1PCBT	Total PCB's	6	90.292	8.862

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

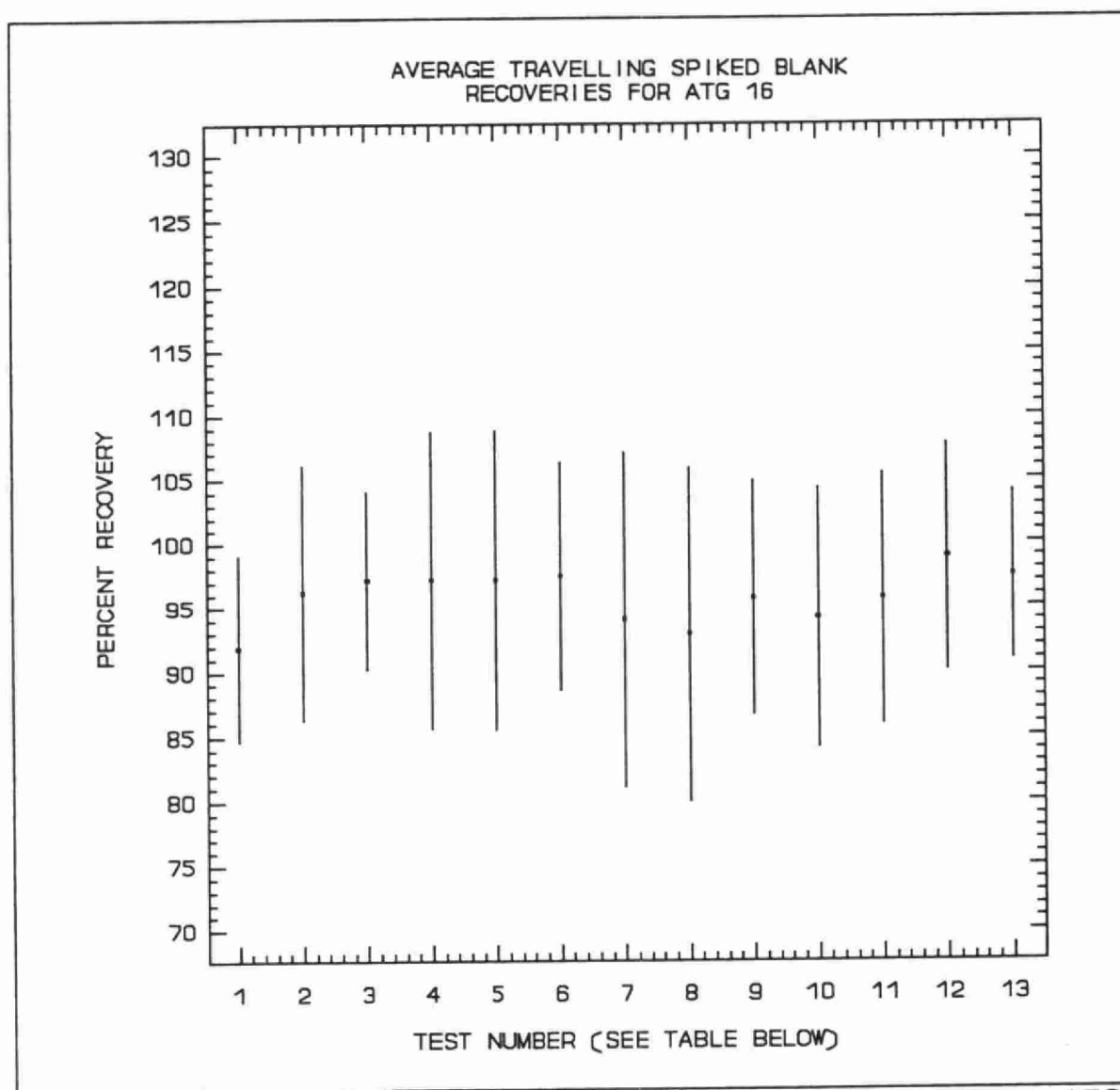


Figure 10: Model of Average and Standard Deviation for the Recovery of Tests in ATG 16 (Halogenated Volatiles).

**TABLE 7: ATG 16 (Halogenated Volatiles): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	X11122	1,1,2,2-Tetrachloroethane	15	91.899	7.201
2	X1112T	1,1,2-Trichloroethane	16	96.199	9.897
3	X111CE	1,1-Dichloroethane	15	97.166	6.904
4	X111CY	1,1-Dichloroethylene	15	97.174	11.572
5	X112CE	1,2-Dichloroethane	18	97.173	11.607
6	X112CP	1,2-Dichloropropane	17	97.456	8.838
7	X113DP	Cis-1,3-Dichloropropylene	15	94.076	12.954
8	X113DR	Trans-1,3-Dichloropropylene	13	92.936	12.920
9	X1BDCM	Bromodichloromethane	8	95.708	9.087
10	X1BROM	Bromoform	17	94.207	10.073
11	X1CDBM	Dibromochloromethane	18	95.655	9.718
12	X1CHLM	Chloromethane	12	98.883	8.837
13	X1CHLO	Chloroform	17	97.467	6.547

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

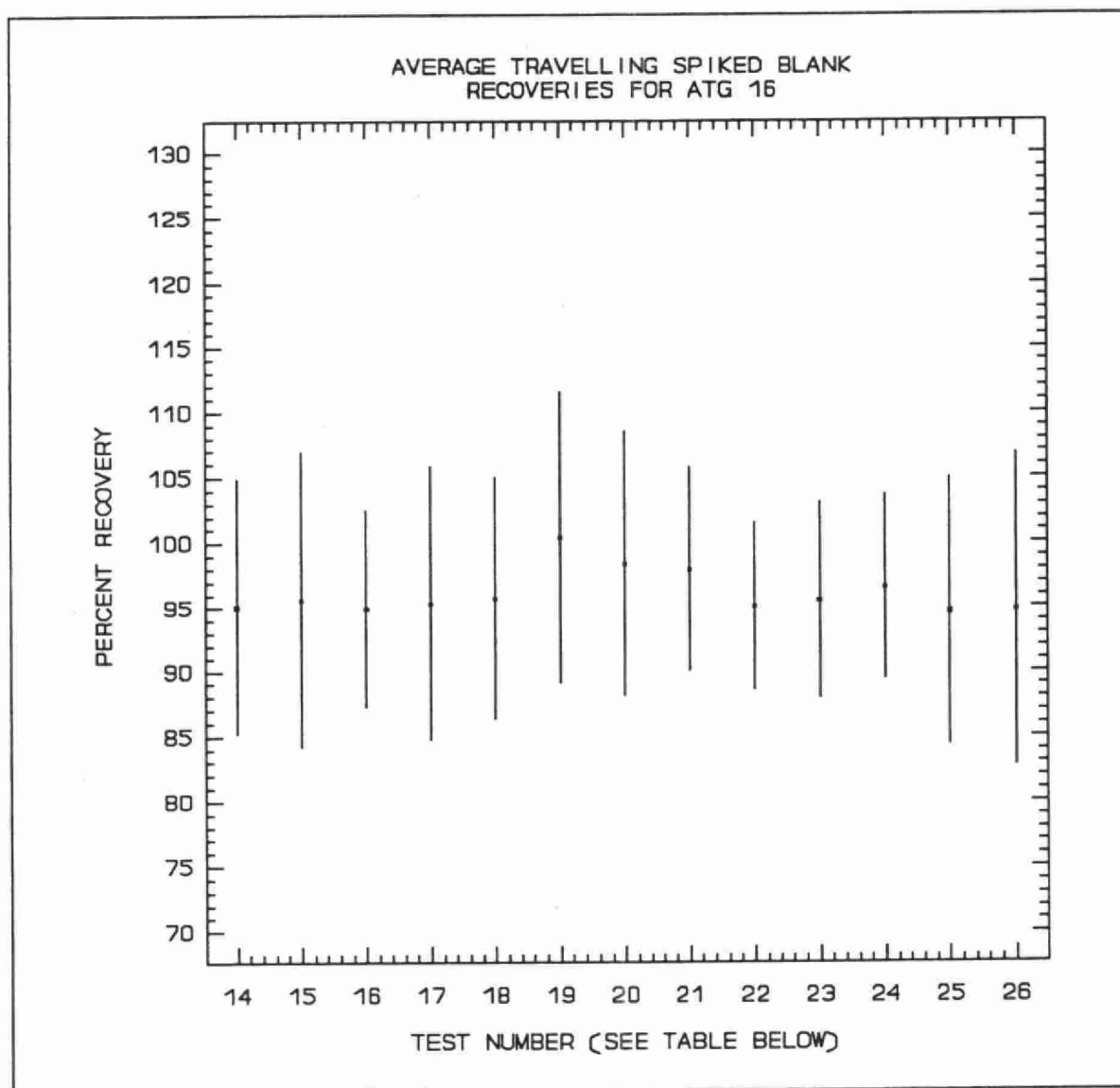


Figure 11: Model of Average and Standard Deviation for the Recovery of Tests in ATG 16 (Halogenated Volatiles)

**TABLE 8: ATG 16 (Halogenated Volatiles): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
14	X1CTET	Carbon tetrachloride	15	95.082	9.827
15	X1DCLM	Methylene chloride	14	95.585	11.372
16	X1T12D	Trans-1,2-Dichloroethylene	15	94.917	7.586
17	X1TCFM	Trichlorofluoromethane	16	95.286	10.514
18	X1TETR	Tetrachloroethylene	17	95.686	9.342
19	X1TRIC	Trichloroethylene	17	100.372	11.206
20	X1VCL	Vinyl chloride	14	98.326	10.224
21	X212CB	1,2-Dichlorobenzene	17	97.894	7.867
22	X213CB	1,3-Dichlorobenzene	16	95.056	6.452
23	X214CB	1,4-Dichlorobenzene	17	95.478	7.571
24	X2CBEN	Chlorobenzene	16	96.530	7.094
25	X2EDB	Ethylene dibromide	17	94.617	10.277
26	X1BMET	Bromomethane	14	94.752	11.983

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

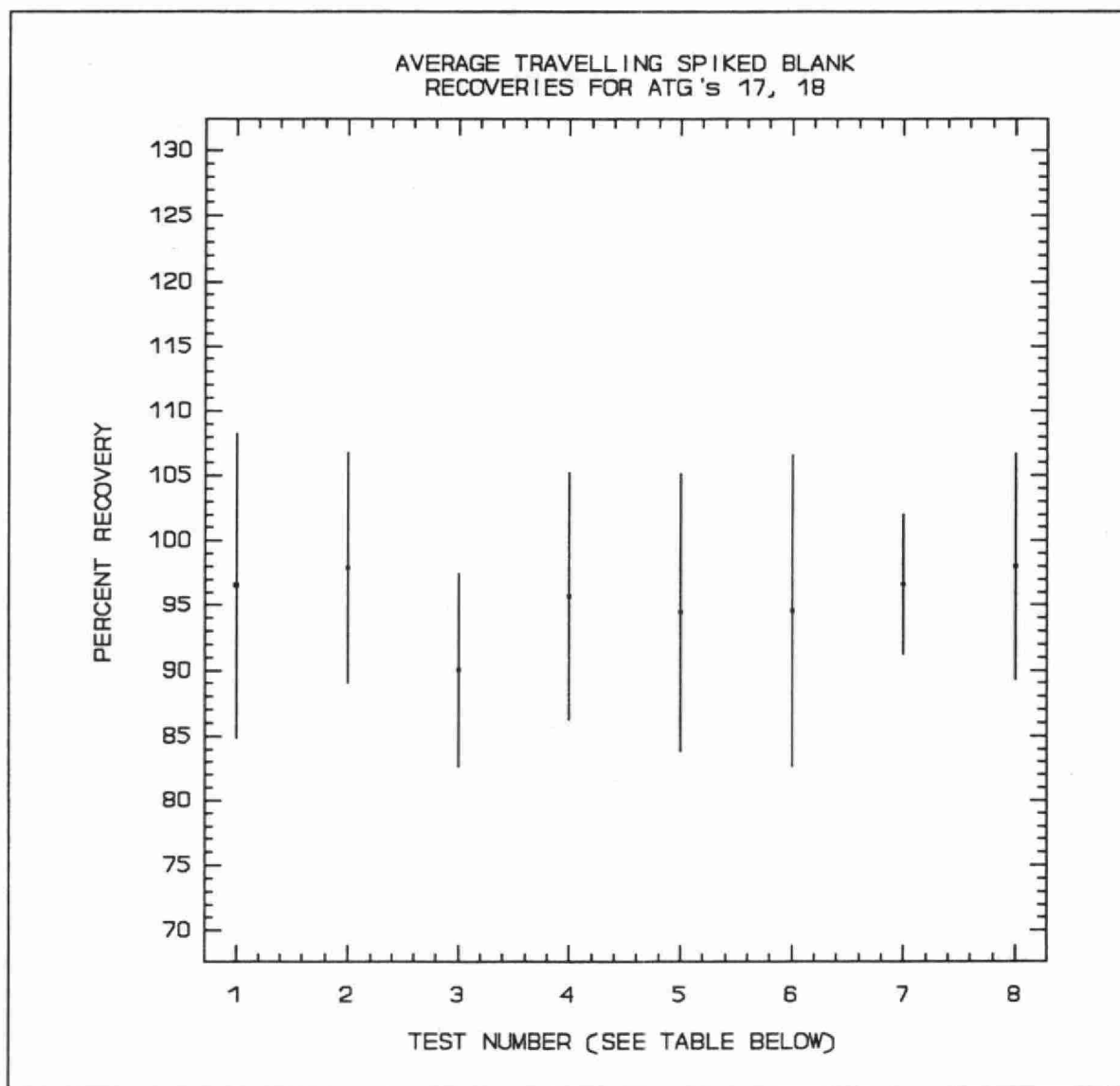


Figure 12: Model of Average and Standard Deviation for the Recovery of Tests in ATG's 17 (Non-Halogenated Volatiles), and 18 (Water Soluble Volatiles)

**TABLE 9: ATG's 17 (Non-Halogenated Volatiles), 18 (Water Soluble Volatiles):
Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	B2008H	Styrene	18	96.565	11.716
2	B2BENZ	Benzene	18	97.902	8.851
3	B2EBNZ	Ethylbenzene	7	90.076	7.402
4	B2MPXY	m-Xylene and p-Xylene	17	95.694	9.461
5	B2OXYL	o-Xylene	18	94.458	10.611
6	B2TOLU	Toluene	19	94.590	11.948
7	X1ACRO	Acrolein	2	96.629	5.333
8	X1ACRY	Acrylonitrile	7	97.972	8.679

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

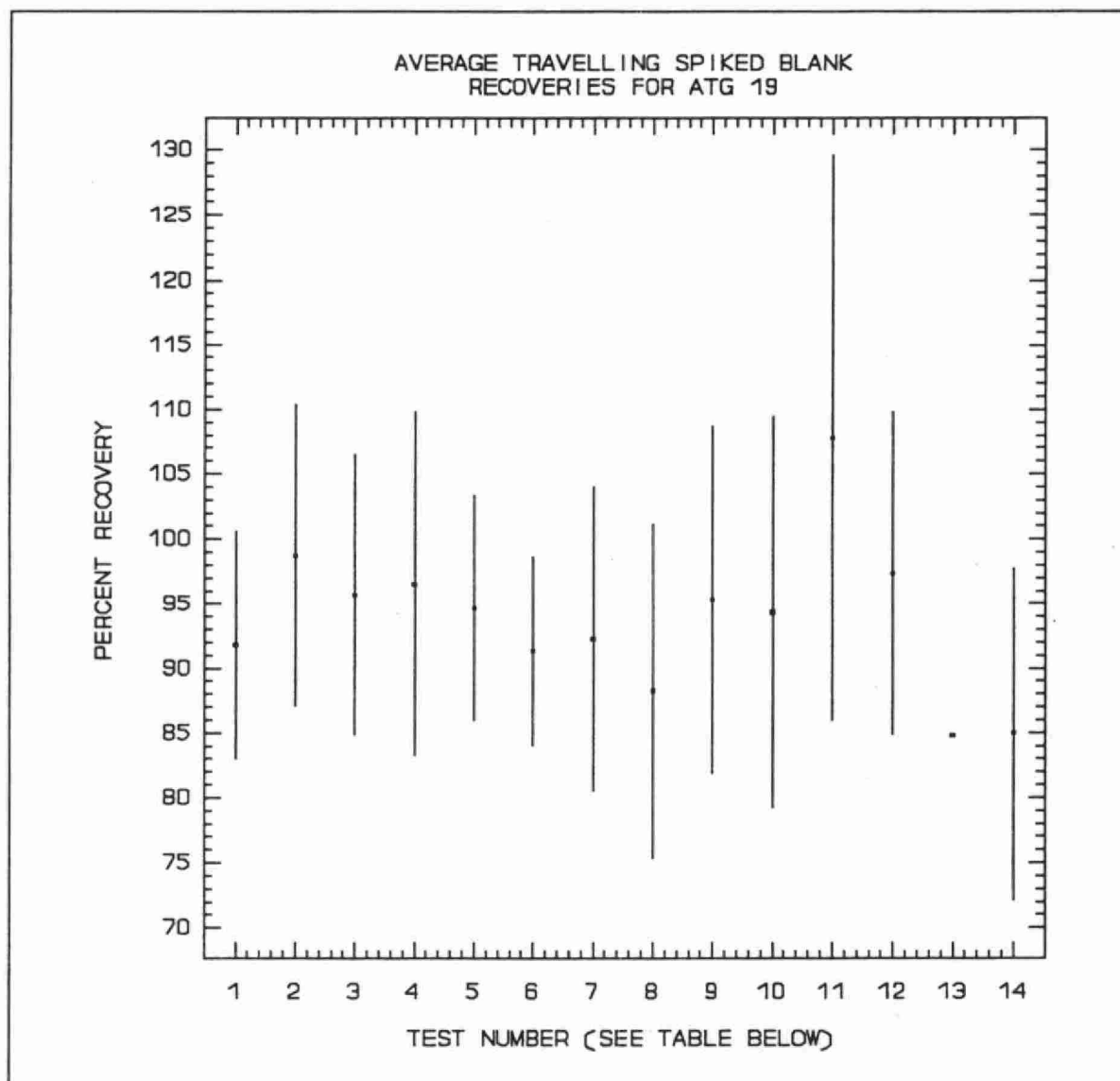


Figure 13: Model of Average and Standard Deviation for the Recovery of Tests in ATG 19 (Base Neutral Extractables)

**TABLE 10: ATG 19 (Base Neutral Extractables): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	N1DPHA	Diphenylamine	8	91.818	8.754
2	PM24DT	2,4-Dinitrotoluene	12	98.738	11.599
3	PM26DT	2,6-Dinitrotoluene	13	95.696	10.776
4	PM4BPE	4-Bromophenyl phenyl ether	13	96.527	13.245
5	PM4CPE	4-Chlorophenyl phenyl ether	11	94.673	8.678
6	PMB2EE	Bis(2-chloroethyl)ether	8	91.333	7.271
7	PMB2EM	Bis(2-chloroethoxy)methane	13	92.285	11.700
8	PMB2IE	Bis(2-chloroisopropyl)ether	10	88.259	12.851
9	PMBBP	Benzylbutylphthalate	11	95.301	13.375
10	PMBEHP	Bis(2-ethylhexyl) phthalate	8	94.350	15.101
11	PMCAMP	Camphene	4	107.748	21.780
12	PMDNBP	Di-n-butyl phthalate	11	97.313	12.453
13	PMDNOP	Di-n-octyl phthalate	1	84.775	0.000
14	PMDPE	Diphenyl ether	2	84.953	12.794

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

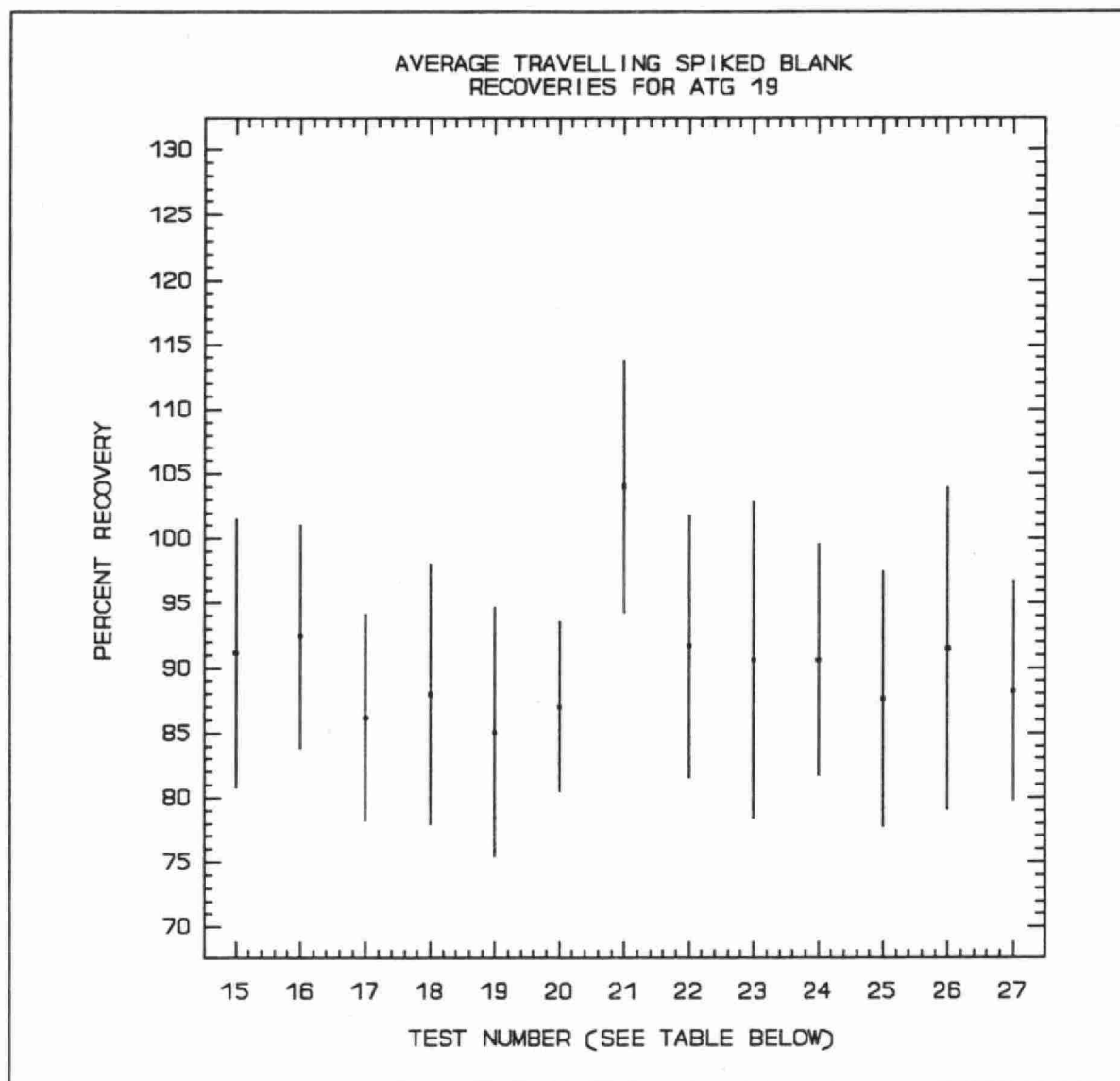


Figure 14: Model of Average and Standard Deviation for the Recovery of Tests in ATG 19 (Base Neutral Extractables)

**TABLE 11: ATG 19 (Base Neutral Extractables): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
15	PMNND	N-Nitrosodiphenylamine	10	91.160	10.304
16	PMNNP	N-Nitrosodi-n-propylamine	12	92.474	8.579
17	PN1CNP	1-Chloronaphthalene	13	86.197	7.940
18	PN1MNA	1-Methylnaphthalene	15	87.979	9.982
19	PN2CNA	2-Chloronaphthalene	13	85.065	9.576
20	PN2MNA	2-Methylnaphthalene	14	87.012	6.510
21	PN5NAN	5-nitro, Acenaphthene	8	104.047	9.710
22	PNACNE	Acenaphthene	13	91.693	10.117
23	PNACNY	Acenaphthylene	12	90.585	12.179
24	PNANTH	Anthracene	12	90.613	8.904
25	PNBAA	Benz(a)anthracene	12	87.606	9.867
26	PNBAP	Benzo(a)pyrene	15	91.480	12.408
27	PNBBFA	Benzo(b)fluoranthene	11	88.238	8.415

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

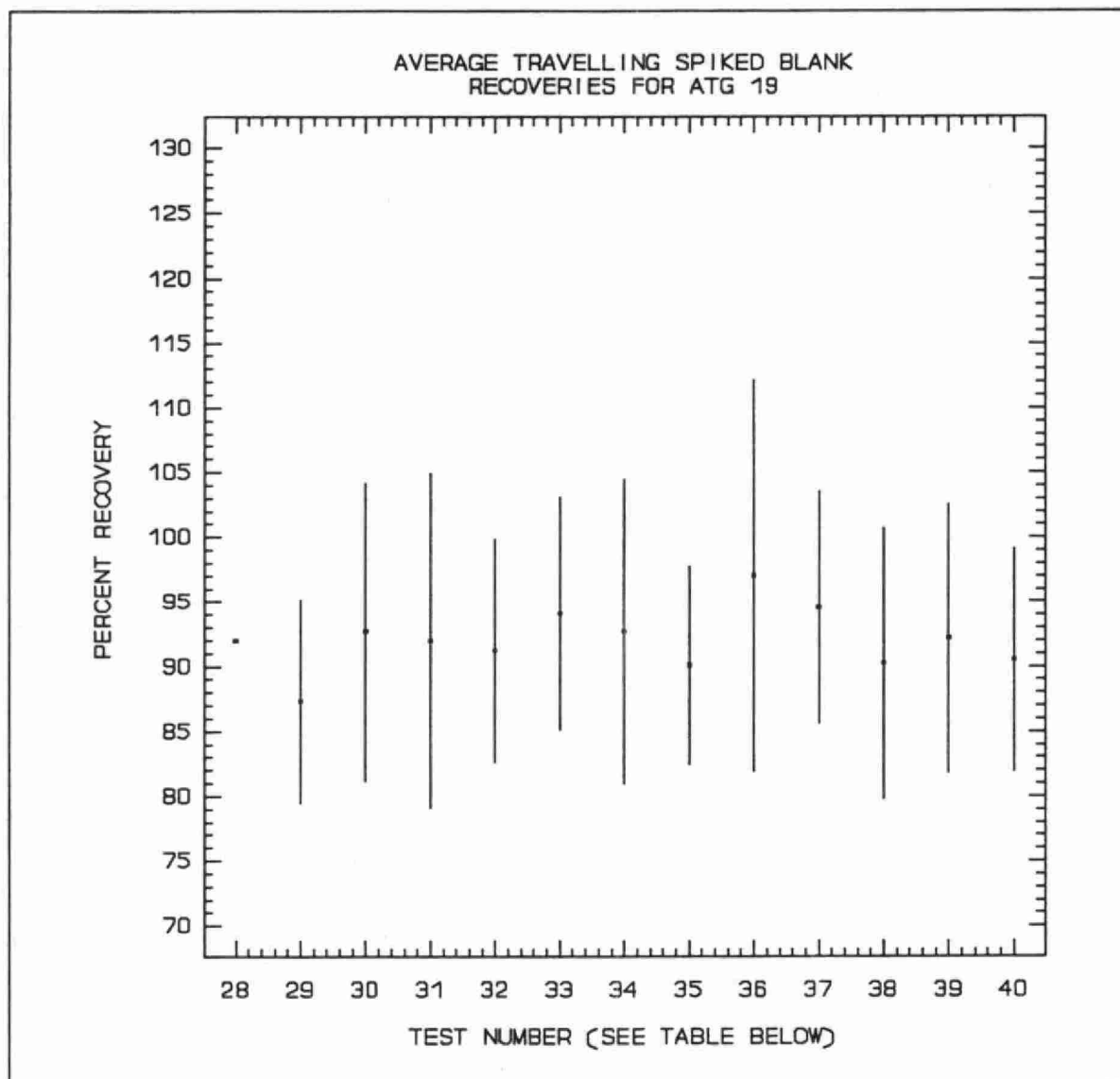


Figure 15: Model of Average and Standard Deviation for the Recovery of Tests in ATG 19 (Base Neutral Extractables)

**TABLE 12: ATG 19 (Base Neutral Extractables): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
28	PNBIPH	Biphenyl	1	92.000	0.000
29	PNBKF	Benzo(k)fluoranthene	12	87.343	7.792
30	PNCHRY	Chrysene	11	92.704	11.490
31	PNDAHA	Dibenz(a,h)anthracene	10	92.012	12.868
32	PNFLAN	Fluoranthene	13	91.271	8.585
33	PNFLUO	Fluorene	13	94.133	8.929
34	PNGHIP	Benzo(g,h,i)perylene	12	92.724	11.745
35	PNINDL	Indole	8	90.107	7.605
36	PNINP	Indeno(1,2,3-cd)pyrene	12	97.016	15.085
37	PNNAPH	Naphthalene	6	94.587	8.919
38	PNPERY	Perylene	12	90.219	10.417
39	PNPHEN	Phenanthrene	14	92.165	10.336
40	PNPYR	Pyrene	14	90.510	8.561

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

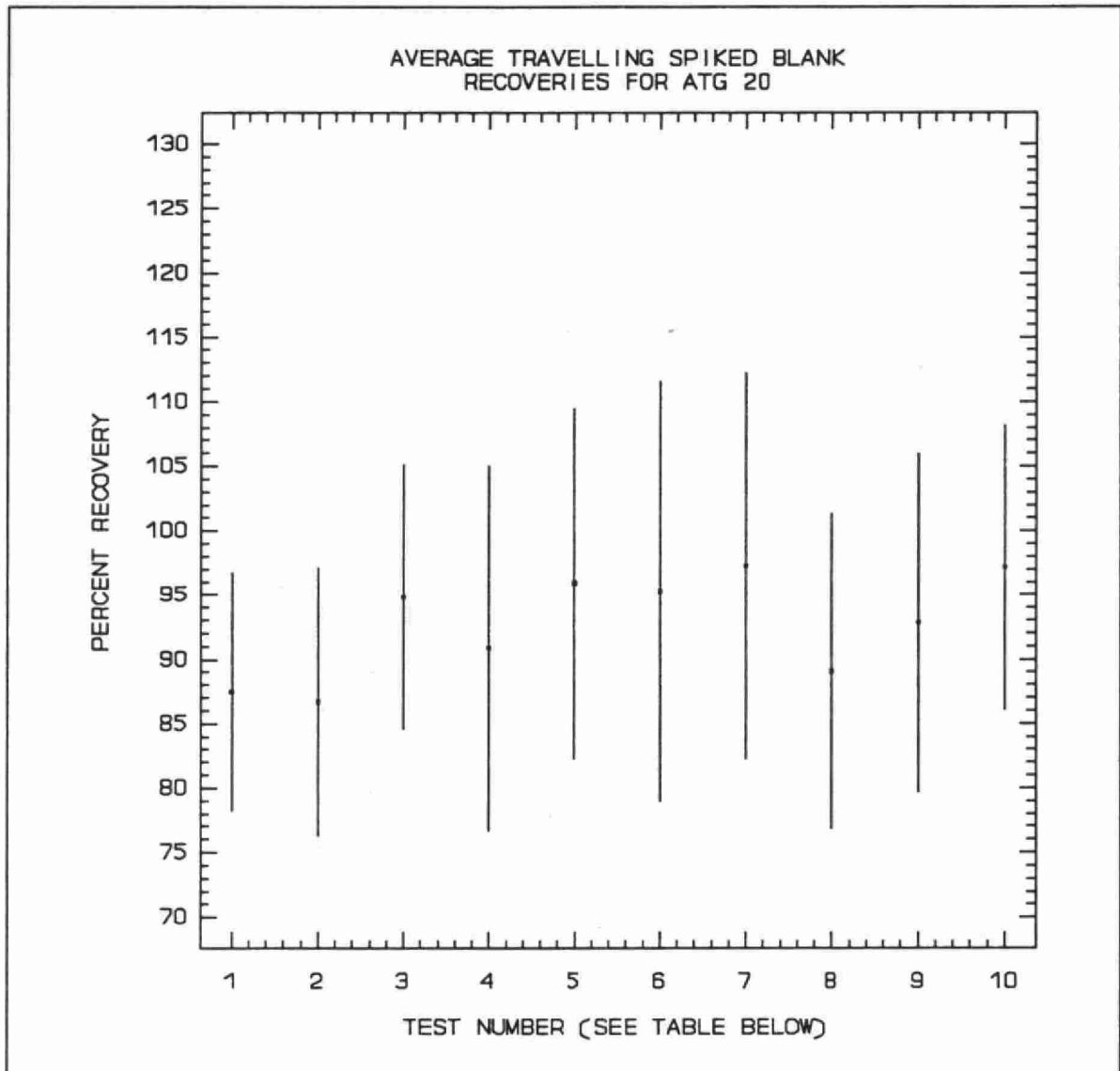


Figure 16: Model of Average and Standard Deviation for the Recovery of Tests in ATG 20 (Acid Extractables)

**TABLE 13: ATG 20 (Acid Extractables): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	PM24DP	2,4-Dichlorophenol	12	87.484	9.235
2	PM24MP	2,4-Dimethylphenol	7	86.679	10.383
3	PM24NP	2,4-Dinitrophenol	11	94.833	10.254
4	PM26DP	2,6-Dichlorophenol	13	90.851	14.188
5	PM46DC	4,6-Dinitro-o-cresol	11	95.900	13.576
6	PM4NP	4-Nitrophenol	6	95.262	16.266
7	PMMCRE	m-Cresol	9	97.258	14.985
8	PMOCRE	o-Cresol	6	89.072	12.211
9	PMPCRE	p-Cresol	8	92.849	13.090
10	PMPHEN	Phenol	5	97.129	11.051

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

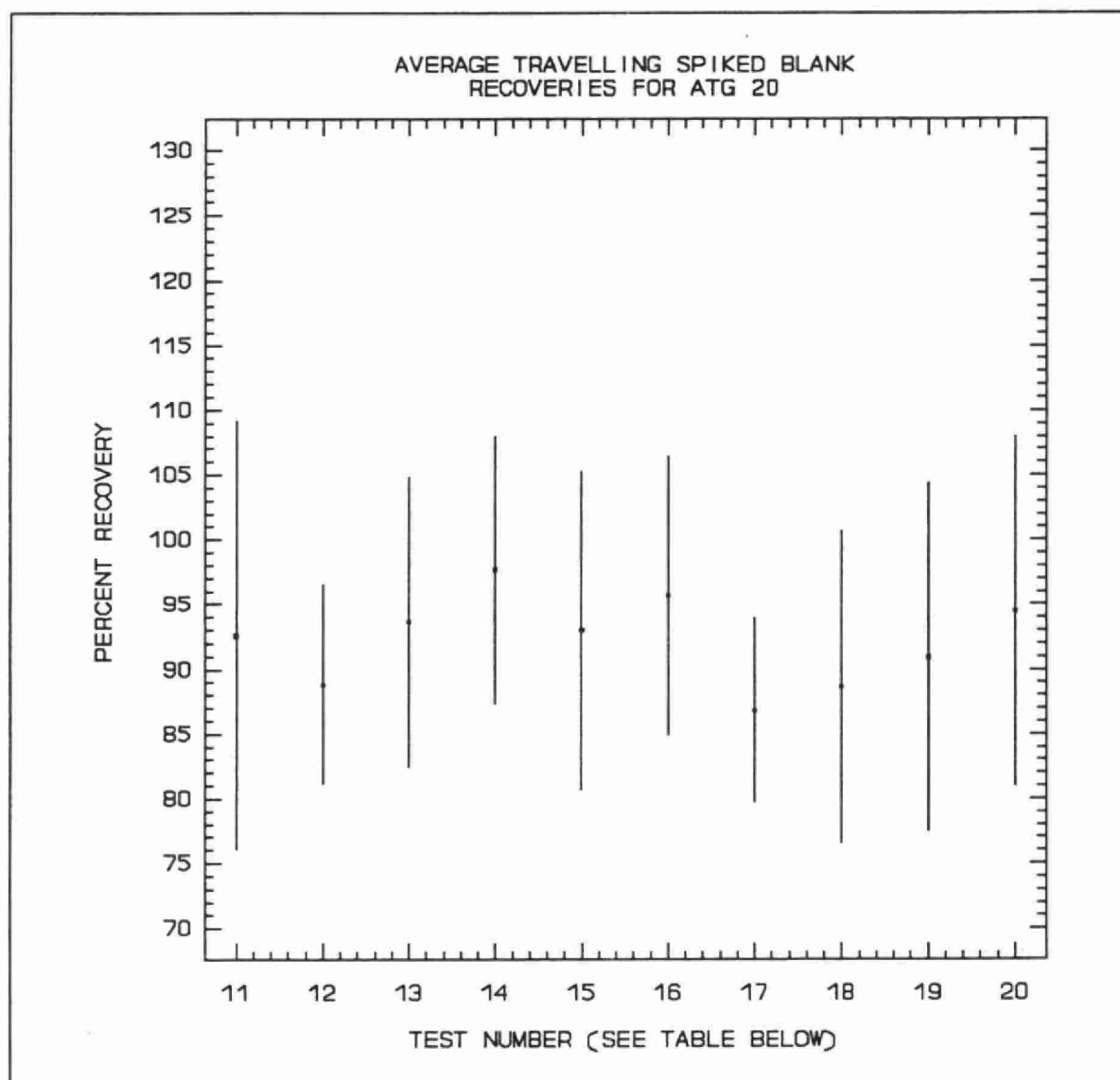


Figure 17: Model of Average and Standard Deviation for the Recovery of Tests in ATG 20 (Acid Extractables)

**TABLE 14: ATG 20 (Acid Extractables): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
11	X3001X	2-Chlorophenol	7	92.602	16.518
12	X3234	2,3,4-Trichlorophenol	15	88.836	7.645
13	X32345	2,3,4,5-Tetrachlorophenol	14	93.672	11.170
14	X32346	2,3,4,6-Tetrachlorophenol	13	97.671	10.262
15	X3235	2,3,5-Trichlorophenol	12	92.985	12.279
16	X32356	2,3,5,6-Tetrachlorophenol	15	95.695	10.708
17	X3245	2,4,5-Trichlorophenol	13	86.827	7.061
18	X3246	2,4,6-Trichlorophenol	14	88.641	12.033
19	X34C3M	4-Chloro-3-methylphenol	11	90.940	13.426
20	X3PCPH	Pentachlorophenol	16	94.496	13.467

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

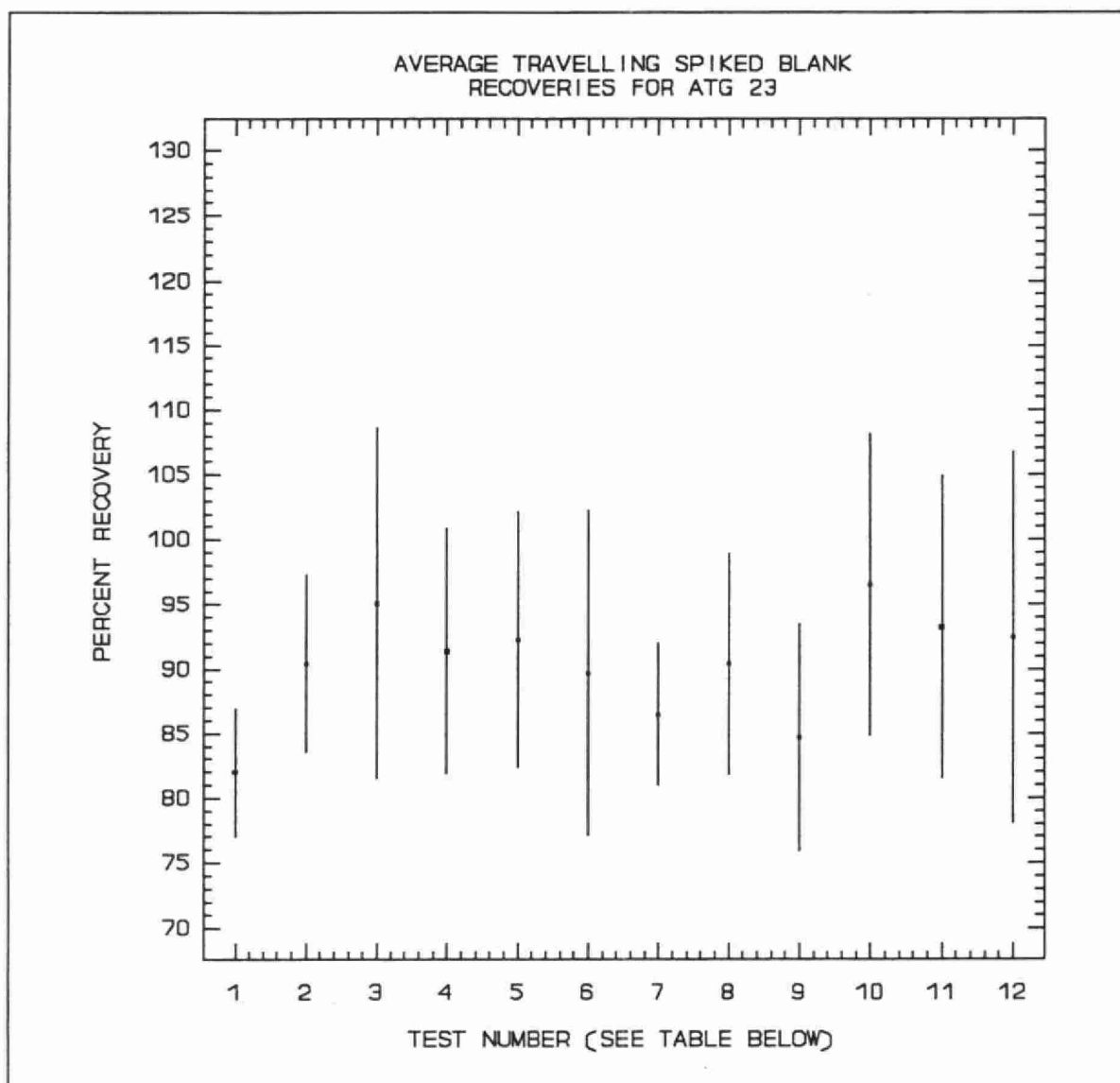


Figure 18: Model of Average and Standard Deviation for the Recovery of Tests in ATG 23 (Neutral-Chlorinated Extractables)

**TABLE 15: ATG 23 (Neutral Chlorinated Extractables): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	X1HCBD	Hexachlorobutadiene	8	81.990	4.917
2	X1HCCP	Hexachlorocyclopentadiene	6	90.446	6.838
3	X2123	1,2,3-Trichlorobenzene	9	95.083	13.497
4	X21234	1,2,3,4-Tetrachlorobenzene	12	91.383	9.473
5	X21235	1,2,3,5-Tetrachlorobenzene	11	92.278	9.855
6	X2124	1,2,4-Trichlorobenzene	9	89.709	12.555
7	X21245	1,2,4,5-Tetrachlorobenzene	12	86.471	5.473
8	X2HCB	Hexachlorobenzene	13	90.392	8.530
9	X2HCE	Hexachloroethane	8	84.716	8.777
10	X2OCST	Octachlorostyrene	8	96.527	11.622
11	X2PNCB	Pentachlorobenzene	14	93.226	11.708
12	X2T245	2,4,5-Trichlorotoluene	9	92.426	14.375

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

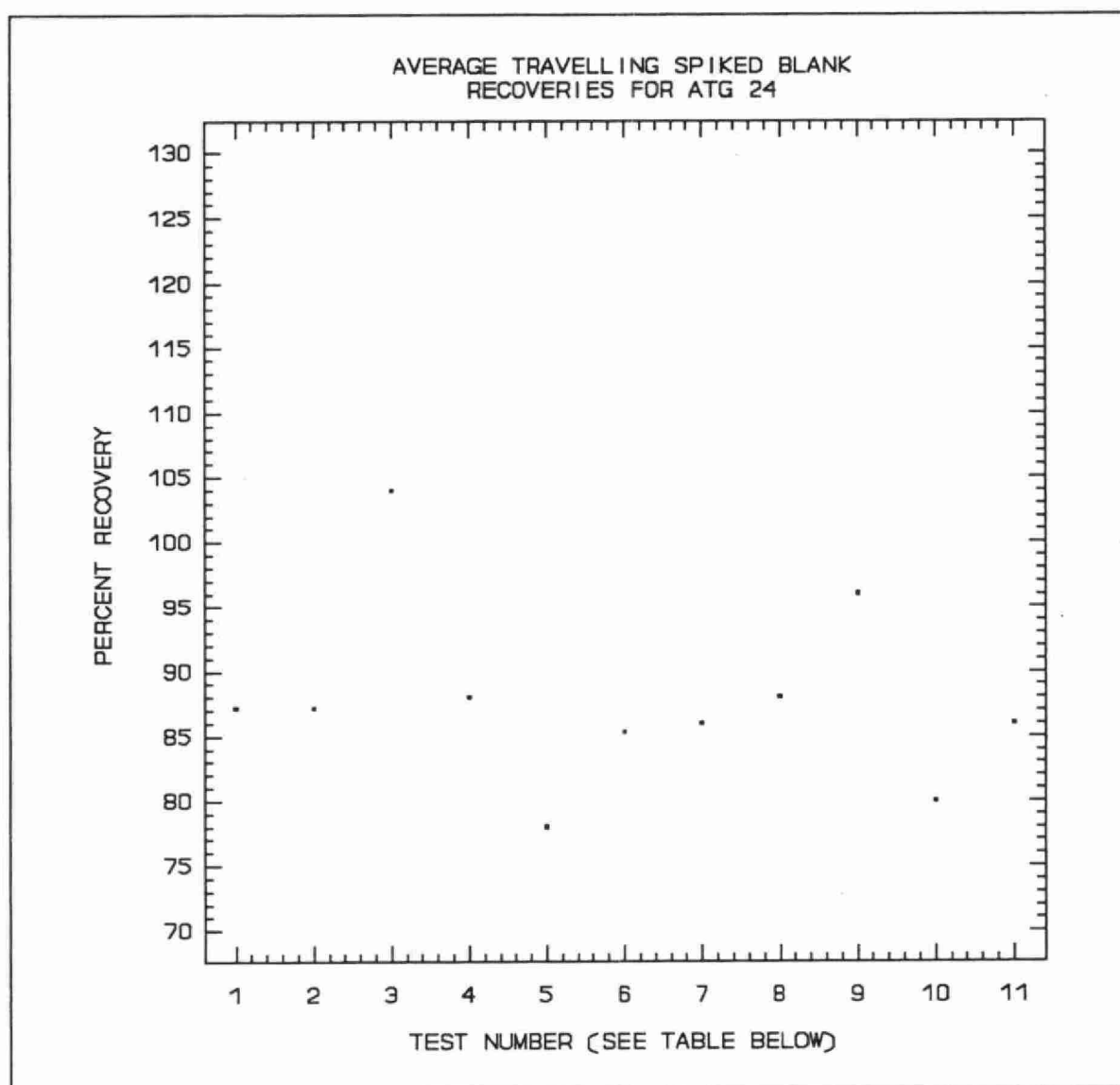


Figure 19: Model of Average and Standard Deviation for the Recovery of Tests in ATG 24 (Chlorinated Dioxins and Furans)

**TABLE 16: ATG 24 (Chlorinated Dioxins and Furans): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	P92378	2,3,7,8 TCDD	1	87.200	0.000
2	P94CDD	Total TCDD	1	87.200	0.000
3	P94CDF	Total TCDF	1	104.000	0.000
4	P95CDD	Total PCDD	1	88.000	0.000
5	P95CDF	Total PCDF	1	78.000	0.000
6	P96CDD	Total H6CDD	1	85.333	0.000
7	P96CDF	Total H6CDF	1	86.000	0.000
8	P97CDD	Total H7CDD	1	88.000	0.000
9	P97CDF	Total H7CDF	1	96.000	0.000
10	P98CDD	Octachlorodibenzo-p-dioxin	1	80.000	0.000
11	P98CDF	Octachlorodibenzofuran	1	86.000	0.000
13	ZNUT	Zinc	3	99.449	0.874

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

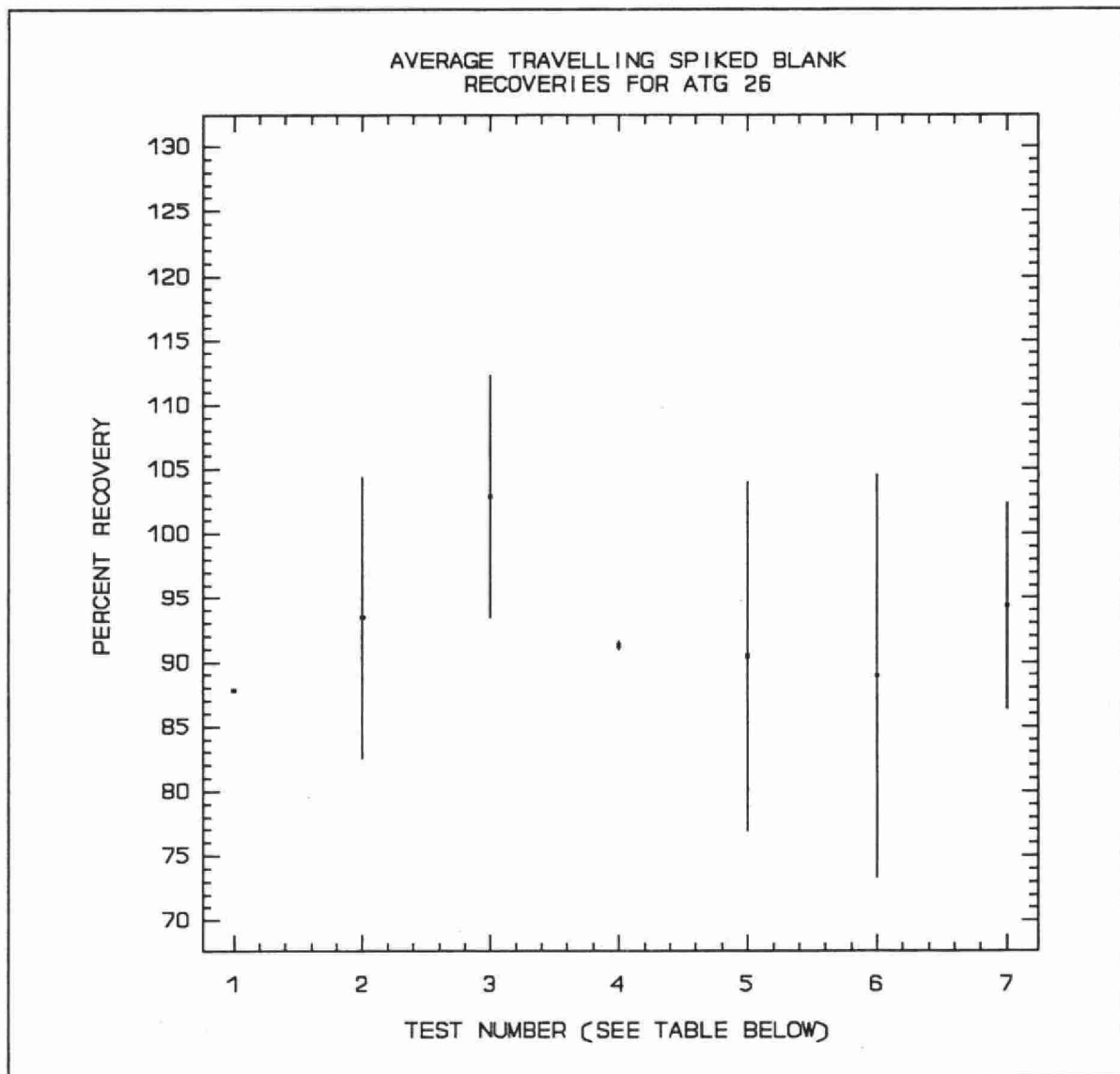


Figure 20: Model of Average and Standard Deviation for the Recovery of Tests in ATG 26 (Fatty and Resin Acids)

**TABLE 17: ATG 26 (Fatty and Resin Acids): Travelling Spiked Blanks
Summary Statistics for Percent Recoveries**

TEST NUMBER	TEST CODE	PARAMETER	N	AVG	S
1	PRABI	Abietic Acid	1	87.867	0.000
2	PRDCDA	Dichlorodehydroabietic Acid	2	93.466	10.930
3	PRDEHA	Dehydroabietic Acid	5	102.917	9.418
4	PRISO	Isopimaric Acid	2	91.295	0.337
5	PRLEV	Levopimaric Acid	2	90.467	13.482
6	PRNEO	Neoabietic Acid	2	88.967	15.604
7	PRPIM	Pimaric Acid	2	94.367	7.967

Results are based on laboratories that had average recoveries within 25% of expected

Where:

"N" is the number of laboratories whose averages were within 25% of expected.

"AVG" is the average of the N laboratory averages.

"S" is the standard deviation of N laboratory averages.

The "models" for travelling spiked blank recovery paint an optimistic portrait of the performance of laboratories that participated in the MISA monitoring phase. The metals and hydrides are recovered, on average, within a range of 95% to 107%. Most volatile and extractable organics are, on average, recovered within the range of 85% to 100%. Camphene (ATG 19) is recovered at 108%, Hexachlorobutadiene (ATG 23) is recovered at 82%, and Octachlorodibenzofuran (ATG 24) is recovered at 80%.

A small percentage of the travelling spiked blank data falls above the 200% recovery level. Some 739 results over 200% recovery, covering most of the ATG's, were produced by 22 out of the 38 laboratories that performed MISA analyses. This represents approximately 2% of the reported results.

The 3-dimensional graphs in **Appendix 4** summarize these "unusual" results. They are designed to highlight chronic problems with specific parameters across laboratories.

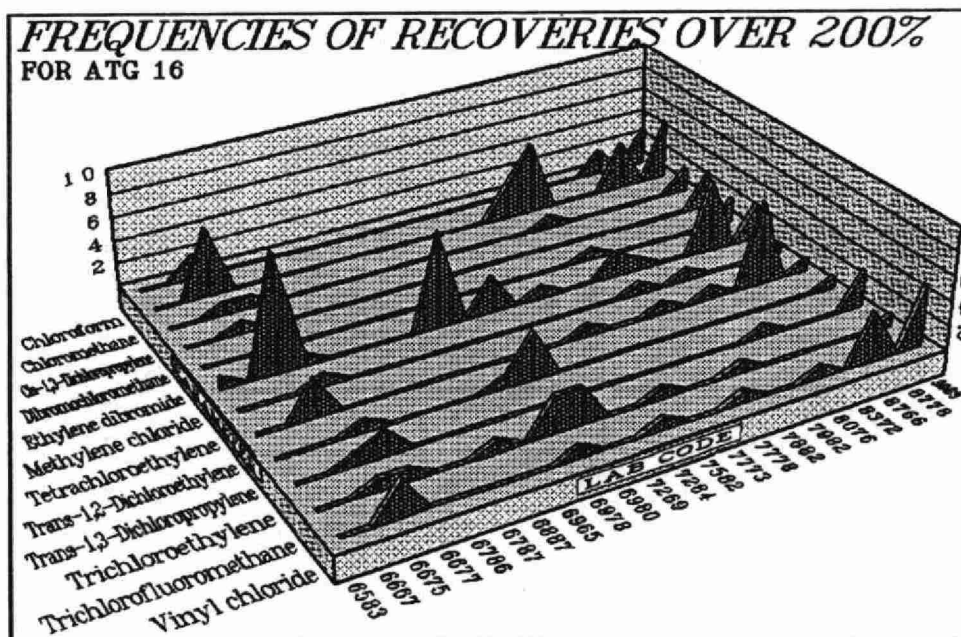


Figure 21: Frequencies of travelling spiked blank results that are over the 200% recovery level.

These 3-dimensional graphs do not reveal any chronic over-recovery problems associated with a parameter, rather they indicate laboratory specific problems that span the majority of parameters. For example in Figure 21, laboratory 6675 over-recovers 9 out of 12 parameters, while laboratory 6786 has no over-recovery for any of the parameters.

Further break-down of the data that falls over the 200% recovery level reveals 16 of the laboratories recovered over 500% for 208 results, and 11 laboratories recovered over 1000% for 101 results. These extreme recoveries are probably attributable to transcription errors, such as providing an incorrect "expected" value, or incorrect positioning of the decimal.

The graphical and tabular summaries contained in this report are intended to provide a means for laboratories to compare their performance with that of other analytical laboratories. The data suggests that although laboratories are able to achieve reasonable recoveries, on a consistent basis, there is room for improvement.

Much as round-robins promote the improvement of analytical performance, largely due to a new "awareness" of a laboratory's results relative to those of other laboratories, the information contained in these QA summaries will allow similar intercomparisons, and hopefully promote improvements.

QA data summaries will assist future audits (as mandated by provincial legislation) of Ontario's analytical laboratories by providing background information that can identify areas on which the audits should focus.

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APPENDIX 1

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
COD	01	COD	10.0000	mg/L
CCNAUR	02	Cyanide Total	0.0050	mg/L
CCNFUR	02	Cyanide (free)	0.0000	
PH	03	Hydrogen ion (pH)	0.0000	
NNHTFR	04	Ammonia plus Ammonium	0.2500	mg/L
NNO2FR	04	Nitrite	0.0000	mg/L
NNO3FR	04	Nitrate	0.0000	mg/L
NNOTFR	04	Nitrate+Nitrite	0.2500	mg/L
NNTKUR	04	Total Kjeldahl nitrogen	0.5000	mg/L
DOC	05	DOC	0.5000	mg/L
TOC	05	TOC	5.0000	mg/L
PPUT	06	Total phosphorus	0.1000	mg/L
COND25	07	Specific conductance	5.0000	uS/cm
RSP	08	Total suspended solids	5.0000	mg/L
RSPLOI	08	Volatile suspended solids	10.0000	mg/L
AGUT	09	Silver	30.0000	ug/L
ALUT	09	Aluminum	30.0000	ug/L
BBUT	09	Boron	50.0000	ug/L
BEUT	09	Beryllium	10.0000	ug/L
CDUT	09	Cadmium	2.0000	ug/L
COUT	09	Cobalt	20.0000	ug/L
CRUT	09	Chromium	20.0000	ug/L
CUUT	09	Copper	10.0000	ug/L
FEUT	09	Iron	0.0200	mg/L
LIUT	09	Lithium	50.0000	ug/L
MGUT	09	Magnesium	0.0200	mg/L
MOUT	09	Molybdenum	20.0000	ug/L
NIUT	09	Nickel	20.0000	ug/L
PBUT	09	Lead	30.0000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
SRUT	09	Strontium	20.0000	ug/L
TLUT	09	Thallium	30.0000	ug/L
VVUT	09	Vanadium	30.0000	ug/L
ZNUT	09	Zinc	10.0000	ug/L
ASUT	10	Arsenic	5.0000	ug/L
SBUT	10	Antimony	5.0000	ug/L
SEUT	10	Selenium	5.0000	ug/L
CR6UR	11	Chromium (hexavalent)	10.0000	ug/L
HGUT	12	Mercury	0.1000	ug/L
PB3TOT	13	Tri-alkyl lead (Total)	2.0000	ug/L
PB4TOT	13	Tetra-alkyl lead (Total)	2.0000	ug/L
PHNOL	14	Phenolics (4AAP)	2.0000	ug/L
SSIDUR	15	Sulphide	0.0200	mg/L
X11122	16	1,1,2,2-Tetrachloroethane	4.3000	ug/L
X1112T	16	1,1,2-Trichloroethane	0.6000	ug/L
X111CE	16	1,1-Dichloroethane	0.8000	ug/L
X111CY	16	1,1-Dichloroethylene	2.8000	ug/L
X112CE	16	1,2-Dichloroethane	0.8000	ug/L
X112CP	16	1,2-Dichloropropane	0.9000	ug/L
X113DP	16	Cis-1,3-Dichloropropylene	1.4000	ug/L
X113DR	16	Trans-1,3-Dichloropropylene	1.4000	ug/L
X1BDCM	16	Bromodichloromethane	0.8000	ug/L
X1BROM	16	Bromoform	3.7000	ug/L
X1CDBM	16	Dibromochloromethane	1.1000	ug/L
X1CHLM	16	Chloromethane	3.7000	ug/L
X1CHLO	16	Chloroform	0.7000	ug/L
X1CTET	16	Carbon tetrachloride	1.3000	ug/L
X1DCLM	16	Methylene chloride	1.3000	ug/L
X1T12D	16	Trans-1,2-Dichloroethylene	1.4000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.				
TEST CODE	ATG	PARAMETER	RMDL	UNIT
X1TCFM	16	Trichlorofluoromethane	1.0000	ug/L
X1TETR	16	Tetrachloroethylene	1.1000	ug/L
X1TRIC	16	Trichloroethylene	1.9000	ug/L
X1VCL	16	Vinyl chloride	4.0000	ug/L
X212CB	16	1,2-Dichlorobenzene	1.4000	ug/L
X213CB	16	1,3-Dichlorobenzene	1.1000	ug/L
X214CB	16	1,4-Dichlorobenzene	1.7000	ug/L
X2CBEN	16	Chlorobenzene	0.7000	ug/L
X2EDB	16	Ethylene dibromide	1.0000	ug/L
X1BMET	16	Bromomethane	3.7000	ug/L
B2008H	17	Styrene	0.5000	ug/L
B2BENZ	17	Benzene	0.5000	ug/L
B2EBNZ	17	Ethylbenzene	0.6000	ug/L
B2MPXY	17	m-Xylene and p-Xylene	1.1000	ug/L
B2MXYL	17	m-Xylene	1.1000	ug/L
B2OXYL	17	o-Xylene	0.5000	ug/L
B2PXYL	17	p-Xylene	1.1000	ug/L
B2TOLU	17	Toluene	0.5000	ug/L
X1ACRO	18	Acrolein	4.0000	ug/L
X1ACRY	18	Acrylonitrile	4.2000	ug/L
N1DPHA	19	Diphenylamine	14.0000	ug/L
PM24DT	19	2,4-Dinitrotoluene	0.8000	ug/L
PM26DT	19	2,6-Dinitrotoluene	0.7000	ug/L
PM4BPE	19	4-Bromophenyl phenyl ether	0.3000	ug/L
PM4CPE	19	4-Chlorophenyl phenyl ether	0.9000	ug/L
PMB2EE	19	Bis(2-chloroethyl)ether	4.4000	ug/L
PMB2EM	19	Bis(2-chloroethoxy)methane	3.5000	ug/L
PMB2IE	19	Bis(2-chloroisopropyl)ether	2.2000	ug/L
PMBBP	19	Benzylbutylphthalate	0.6000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
PMBEHP	19	Bis(2-ethylhexyl) phthalate	2.2000	ug/L
PMCAMP	19	Camphene	3.5000	ug/L
PMDNBP	19	Di-n-butyl phthalate	3.8000	ug/L
PMDNOP	19	Di-n-octyl phthalate	2.0000	ug/L
PMDPE	19	Diphenyl ether	0.4000	ug/L
PMNND	19	N-Nitrosodiphenylamine	14.0000	ug/L
PMNNP	19	N-Nitrosodi-n-propylamine	3.1000	ug/L
PN1CNP	19	1-Chloronaphthalene	2.5000	ug/L
PN1MNA	19	1-Methylnaphthalene	3.2000	ug/L
PN2CNA	19	2-Chloronaphthalene	1.8000	ug/L
PN2MNA	19	2-Methylnaphthalene	2.2000	ug/L
PN5NAN	19	5-nitro, Acenaphthene	4.3000	ug/L
PNACNE	19	Acenaphthene	1.3000	ug/L
PNACNY	19	Acenaphthylene	1.4000	ug/L
PNANTH	19	Anthracene	1.2000	ug/L
PNBAA	19	Benz(a)anthracene	0.5000	ug/L
PNBAP	19	Benzo(a)pyrene	0.6000	ug/L
PNBBFA	19	Benzo(b)fluoranthene	0.7000	ug/L
PNBIPH	19	Biphenyl	0.6000	ug/L
PNBKF	19	Benzo(k)fluoranthene	0.7000	ug/L
PNCHRY	19	Chrysene	0.3000	ug/L
PNDAHA	19	Dibenz(a,h)anthracene	1.3000	ug/L
PNFLAN	19	Fluoranthene	0.4000	ug/L
PNFLUO	19	Fluorene	1.7000	ug/L
PNGHIP	19	Benzo(g,h,i)perylene	0.7000	ug/L
PNINDL	19	Indole	1.9000	ug/L
PNINP	19	Indeno(1,2,3-cd)pyrene	1.3000	ug/L
PNNAPH	19	Naphthalene	1.6000	ug/L
PNPERY	19	Perylene	1.5000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
PNPHEN	19	Phenanthrene	0.4000	ug/L
PNPYR	19	Pyrene	0.4000	ug/L
PM24DP	20	2,4-Dichlorophenol	1.7000	ug/L
PM24MP	20	2,4-Dimethylphenol	7.3000	ug/L
PM24NP	20	2,4-Dinitrophenol	42.0000	ug/L
PM26DP	20	2,6-Dichlorophenol	2.0000	ug/L
PM46DC	20	4,6-Dinitro-o-cresol	24.0000	ug/L
PM4NP	20	4-Nitrophenol	1.4000	ug/L
PMMCRE	20	m-Cresol	3.4000	ug/L
PMOCRE	20	o-Cresol	3.7000	ug/L
PMPCRE	20	p-Cresol	3.5000	ug/L
PMPHEN	20	Phenol	2.4000	ug/L
X3001X	20	2-Chlorophenol	3.7000	ug/L
X3234	20	2,3,4-Trichlorophenol	0.6000	ug/L
X32345	20	2,3,4,5-Tetrachlorophenol	0.4000	ug/L
X32346	20	2,3,4,6-Tetrachlorophenol	2.8000	ug/L
X3235	20	2,3,5-Trichlorophenol	1.3000	ug/L
X32356	20	2,3,5,6-Tetrachlorophenol	1.6000	ug/L
X3245	20	2,4,5-Trichlorophenol	1.3000	ug/L
X3246	20	2,4,6-Trichlorophenol	1.3000	ug/L
X34C3M	20	4-Chloro-3-methylphenol	1.5000	ug/L
X3PCPH	20	Pentachlorophenol	1.3000	ug/L
X1HCBBD	23	Hexachlorobutadiene	0.0100	ug/L
X1HCCP	23	Hexachlorocyclopentadiene	0.0100	ug/L
X2123	23	1,2,3-Trichlorobenzene	0.0100	ug/L
X21234	23	1,2,3,4-Tetrachlorobenzene	0.0100	ug/L
X21235	23	1,2,3,5-Tetrachlorobenzene	0.0100	ug/L
X2124	23	1,2,4-Trichlorobenzene	0.0100	ug/L
X21245	23	1,2,4,5-Tetrachlorobenzene	0.0100	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
X2HCB	23	Hexachlorobenzene	0.0100	ug/L
X2HCE	23	Hexachloroethane	0.0100	ug/L
X2OCST	23	Octachlorostyrene	0.0100	ug/L
X2PNCB	23	Pentachlorobenzene	0.0100	ug/L
X2T245	23	2,4,5-Trichlorotoluene	0.0100	ug/L
P92378	24	2,3,7,8 TCDD	0.0200	ng/L
P94CDD	24	Total TCDD	0.0200	ng/L
P94CDF	24	Total TCDF	0.0150	ng/L
P95CDD	24	Total PCDD	0.0200	ng/L
P95CDF	24	Total PCDF	0.0150	ng/L
P96CDD	24	Total H6CDD	0.0300	ng/L
P96CDF	24	Total H6CDF	0.0200	ng/L
P97CDD	24	Total H7CDD	0.0300	ng/L
P97CDF	24	Total H7CDF	0.0300	ng/L
P98CDD	24	Octachlorodibenzo-p-dioxin	0.0300	ng/L
P98CDF	24	Octachlorodibenzofuran	0.0300	ng/L
SOEXT	25	Oil and grease	1.0000	mg/L
PRABI	26	Abietic Acid	0.0050	mg/L
PRCDLA	26	Chlorodehydroabietic Acid	0.0050	mg/L
PRDCDA	26	Dichlorodehydroabietic Acid	0.0050	mg/L
PRDEHA	26	Dehydroabietic Acid	0.0050	mg/L
PRFOLE	26	Oleic Acid	0.0050	mg/L
PRISO	26	Isopimaric Acid	0.0050	mg/L
PRLEV	26	Levopimaric Acid	0.0050	mg/L
PRNEO	26	Neoabietic Acid	0.0050	mg/L
PRPIM	26	Pimaric Acid	0.0050	mg/L
P1PCBT	27	PCBT	0.1000	ug/L
AGUTS	29	Silver	50.0000	ug/L
ALUTS	29	Aluminum	50.0000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
ASUTS	29	Arsenic	50.0000	ug/L
AUUTS	29	Gold	50.0000	ug/L
BAUTS	29	Barium	50.0000	ug/L
BBUTS	29	Boron	50.0000	ug/L
BEUTS	29	Beryllium	50.0000	ug/L
BIUTS	29	Bismuth	50.0000	ug/L
CAUTS	29	Calcium	50.0000	ug/L
CDUTS	29	Cadmium	50.0000	ug/L
CEUTS	29	Cerium	50.0000	ug/L
COUTS	29	Cobalt	50.0000	ug/L
CRUTS	29	Chromium	50.0000	ug/L
CSUTS	29	Cesium	50.0000	ug/L
CUUTS	29	Copper	50.0000	ug/L
DYUTS	29	Dysprosium	50.0000	ug/L
ERUTS	29	Erbium	50.0000	ug/L
EUUTS	29	Europium	50.0000	ug/L
FEUTS	29	Iron	50.0000	ug/L
GAUTS	29	Gallium	50.0000	ug/L
GDUTS	29	Gadolinium	50.0000	ug/L
GEUTS	29	Germanium	50.0000	ug/L
HFUTS	29	Hafnium	50.0000	ug/L
HGUTS	29	Mercury	50.0000	ug/L
HOUTS	29	Holmium	50.0000	ug/L
INUTS	29	Indium	50.0000	ug/L
IRUTS	29	Iridium	50.0000	ug/L
KKUTS	29	Potassium	50.0000	ug/L
LAUTS	29	Lanthanum	50.0000	ug/L
LIUTS	29	Lithium	50.0000	ug/L
LUUTS	29	Lutetium	50.0000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
MGUTS	29	Magnesium	50.0000	ug/L
MNUTS	29	Manganese	50.0000	ug/L
MOUTS	29	Molybdenum	50.0000	ug/L
NAUTS	29	Sodium	50.0000	ug/L
NBUTS	29	Niobium	50.0000	ug/L
NDUTS	29	Neodymium	50.0000	ug/L
NIUTS	29	Nickel	50.0000	ug/L
OSUTS	29	Osmium	50.0000	ug/L
PBUTS	29	Lead	50.0000	ug/L
PDUTS	29	Palladium	50.0000	ug/L
PPUTS	29	Phosphorus	50.0000	ug/L
PRUTS	29	Praesodymium	50.0000	ug/L
PTUTS	29	Platinum	50.0000	ug/L
RBUTS	29	Rubidium	50.0000	ug/L
REUTS	29	Rhenium	50.0000	ug/L
RHUTS	29	Rhodium	50.0000	ug/L
RUUTS	29	Ruthenium	50.0000	ug/L
SBUTS	29	Antimony	50.0000	ug/L
SCUTS	29	Scandium	50.0000	ug/L
SEUTS	29	Selenium	50.0000	ug/L
SIUTS	29	Silicon	50.0000	ug/L
SMUTS	29	Samarium	50.0000	ug/L
SNUTS	29	Tin	50.0000	ug/L
SRUTS	29	Strontium	50.0000	ug/L
SSUTS	29	Sulfur	50.0000	ug/L
TAUTS	29	Tantalum	50.0000	ug/L
TBUTS	29	Terbium	50.0000	ug/L
TEUTS	29	Tellurium	50.0000	ug/L
THUTS	29	Thorium	50.0000	ug/L

Summary of Test Codes, Descriptions, RMDL's (regulation method detection limit), and Units for each ATG (analytical test group) as defined by the MISA program.

TEST CODE	ATG	PARAMETER	RMDL	UNIT
TIUTS	29	Titanium	50.0000	ug/L
TLUTS	29	Thallium	50.0000	ug/L
TMUTS	29	Thulium	50.0000	ug/L
UUUTS	29	Uranium	50.0000	ug/L
VVUTS	29	Vanadium	50.0000	ug/L
WWUTS	29	Tungsten	50.0000	ug/L
YBUTS	29	Ytterbium	50.0000	ug/L
YYUTS	29	Yttrium	50.0000	ug/L
ZNUTS	29	Zinc	50.0000	ug/L
ZRUTS	29	Zirconium	50.0000	ug/L
TRO	E2	Total Residual Oxidants	0.1000	mg/L
N1DEOA	E3	Diethanolamine	100.0000	ug/L
ACDT	E7	Acidity, Total	0.0000	mg/L
CLIDUR	I1	Chloride	2.0000	mg/L
FIBCT	I2	Fibrous Chrysotile Asbestos	0.0400	milfb/L
FFIDUR	I3	Fluoride	0.1000	mg/L
SSO4UR	I4	Sulphate	5.0000	mg/L
RSF	I5	Dissolved Solids	20.0000	mg/L
BOD5	I6	Biological Oxygen Demand	5.0000	mg/L
UUUT	I7	Uranium	0.0200	mg/L
AOX	I8	Adsorbable Organic Halide	0.0500	mg/L

APPENDIX 2

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	AGUT	Silver	0.67	5	-0.02	0.05	6	-0.10	0.00	0.00	1.27
09	AGUT	Silver	1.00	3	0.00	0.00	3	0.00	0.00	0.00	0.00
09	AGUT	Silver	1.33	8	-0.06	0.87	10	-1.00	-0.04	0.20	2.30
09	AGUT	Silver	1.67	2	1.07	2.26	2	0.00	-0.53	0.00	2.67
09	AGUT	Silver	3.33	8	-0.25	0.38	8	-0.60	-0.47	0.00	0.33
09	AGUT	Silver	6.67	18	-0.74	3.14	18	-6.00	0.00	0.00	3.67
09	AGUT	Silver	13.33	1	-0.33	0.00	1	0.00	0.00	0.00	-0.33
09	ALUT	Aluminum	0.67	1	-0.34	0.00	1	0.00	0.00	0.00	-0.34
09	ALUT	Aluminum	1.33	2	-0.17	0.24	2	0.00	-0.33	0.00	0.00
09	ALUT	Aluminum	3.33	3	-0.18	0.43	3	0.00	-0.67	0.00	0.13
09	ALUT	Aluminum	6.67	18	0.26	0.56	22	-0.33	0.17	0.67	13.67
09	ALUT	Aluminum	10.00	3	0.89	0.51	3	0.00	0.33	1.00	1.33
09	ALUT	Aluminum	20.00	1	-1.33	0.00	1	0.00	0.00	0.00	-1.33
09	ALUT	Aluminum	33.33	13	0.26	1.67	13	-1.67	0.00	1.00	2.67
09	ALUT	Aluminum	66.67	2	3.33	1.89	2	0.00	2.00	0.00	4.67
09	ALUT	Aluminum	166.67	2	22.83	5.42	2	0.00	19.00	0.00	26.67
09	ALUT	Aluminum	333.33	1	33.33	0.00	1	0.00	0.00	0.00	33.33
09	BEUT	Beryllium	3.00	3	0.05	0.08	3	0.00	0.00	0.00	0.14
09	BEUT	Beryllium	4.00	2	0.00	0.00	2	0.00	0.00	0.00	0.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	BEUT	Beryllium	5.00	13	0.08	0.26	15	-0.40	0.00	0.20	0.50
09	BEUT	Beryllium	5.20	3	0.37	0.42	3	0.00	-0.10	0.50	0.70
09	BEUT	Beryllium	6.00	1	0.10	0.00	1	0.00	0.00	0.00	0.10
09	BEUT	Beryllium	10.00	2	32.50	45.96	2	0.00	0.00	0.00	65.00
09	BEUT	Beryllium	20.00	8	0.58	1.36	8	-1.00	0.00	1.00	3.00
09	BEUT	Beryllium	30.00	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
09	BEUT	Beryllium	50.00	8	-1.51	1.84	11	-4.00	-2.00	-0.10	6.00
09	BEUT	Beryllium	51.50	1	0.00	0.00	1	0.00	0.00	0.00	0.00
09	BEUT	Beryllium	60.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
09	CDUT	Cadmium	1.50	3	0.25	0.50	3	0.00	-0.25	0.25	0.75
09	CDUT	Cadmium	10.00	2	2.00	2.83	2	0.00	0.00	0.00	4.00
09	CDUT	Cadmium	12.50	13	0.35	1.35	16	-3.50	0.00	1.00	1.50
09	CDUT	Cadmium	20.00	2	-0.75	1.06	2	0.00	-1.50	0.00	0.00
09	CDUT	Cadmium	25.00	1	-9.65	0.00	1	0.00	0.00	0.00	-9.65
09	CDUT	Cadmium	50.00	3	5.00	5.00	3	0.00	0.00	5.00	10.00
09	CDUT	Cadmium	100.00	18	4.39	6.73	18	0.00	4.00	10.00	15.00
09	CDUT	Cadmium	200.00	1	30.00	0.00	1	0.00	0.00	0.00	30.00
09	CDUT	Cadmium	1,000.00	1	65.00	0.00	1	0.00	0.00	0.00	65.00
09	COUT	Cobalt	1.50	3	-0.02	0.03	3	0.00	-0.05	0.00	0.00
09	COUT	Cobalt	2.00	2	0.25	0.35	2	0.00	0.00	0.00	0.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quantiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	COUT	Cobalt	2.50	16	0.20	0.25	18	-0.15	0.15	0.35	0.55
09	COUT	Cobalt	5.00	2	0.50	0.71	2	0.00	0.00	0.00	1.00
09	COUT	Cobalt	10.00	8	-0.25	0.27	8	-0.50	-0.50	0.00	0.00
09	COUT	Cobalt	25.00	10	1.49	0.70	11	0.60	1.50	2.00	4.00
09	COUT	Cobalt	30.00	1	3.50	0.00	1	0.00	0.00	0.00	3.50
09	COUT	Cobalt	38.50	1	-5.50	0.00	1	0.00	0.00	0.00	-5.50
09	COUT	Cobalt	100.00	1	12.00	0.00	1	0.00	0.00	0.00	12.00
09	CRUT	Chromium	0.75	2	0.07	0.07	2	0.00	0.02	0.00	0.12
09	CRUT	Chromium	0.80	1	0.50	0.00	1	0.00	0.00	0.00	0.50
09	CRUT	Chromium	2.00	2	0.00	0.00	2	0.00	0.00	0.00	0.00
09	CRUT	Chromium	2.50	16	0.12	0.24	18	-0.20	0.05	0.30	0.40
09	CRUT	Chromium	5.00	2	0.00	0.00	2	0.00	0.00	0.00	0.00
09	CRUT	Chromium	10.00	7	-0.43	1.46	7	-3.50	-0.50	0.00	1.00
09	CRUT	Chromium	12.50	1	-2.00	0.00	1	0.00	0.00	0.00	-2.00
09	CRUT	Chromium	14.00	1	6.40	0.00	1	0.00	0.00	0.00	6.40
09	CRUT	Chromium	20.00	2	-1.78	3.85	2	0.00	-4.50	0.00	0.95
09	CRUT	Chromium	25.00	10	1.49	1.41	12	0.15	1.00	2.50	5.00
09	CRUT	Chromium	100.00	1	8.50	0.00	1	0.00	0.00	0.00	8.50
09	CUUT	Copper	3.00	3	0.00	0.17	3	0.00	-0.20	0.10	0.10
09	CUUT	Copper	4.00	2	0.00	0.00	2	0.00	0.00	0.00	0.00

Results expressed as the ratio: (result-expected)/RMDL

**Summary Statistics For The Travelling Spiked Blank Data
From The Combined MISA Databases**

			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	CUUT	Copper	5.00	16	-0.04	0.38	19	-0.70	-0.20	0.10	0.80
09	CUUT	Copper	10.00	2	-0.20	0.28	2	0.00	-0.40	0.00	0.00
09	CUUT	Copper	20.00	6	0.00	0.89	6	-1.00	0.00	0.00	1.00
09	CUUT	Copper	40.00	4	3.90	3.96	4	0.00	1.00	7.00	7.60
09	CUUT	Copper	50.00	10	1.52	2.20	11	-1.00	0.90	3.00	10.00
09	CUUT	Copper	200.00	1	-5.00	0.00	1	0.00	0.00	0.00	-5.00
09	MOUT	Molybdenum	0.70	2	-0.04	0.09	2	0.00	-0.10	0.00	0.03
09	MOUT	Molybdenum	1.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
09	MOUT	Molybdenum	2.00	2	-0.25	0.35	2	0.00	-0.50	0.00	0.00
09	MOUT	Molybdenum	2.50	16	-0.54	0.42	18	-1.00	-0.45	-0.25	2.25
09	MOUT	Molybdenum	5.00	4	-0.39	1.43	4	-2.50	-0.05	0.50	0.50
09	MOUT	Molybdenum	10.00	3	-4.50	0.00	4	-4.50	-4.50	-4.50	-4.00
09	MOUT	Molybdenum	20.00	1	0.50	0.00	1	0.00	0.00	0.00	0.50
09	MOUT	Molybdenum	25.00	11	-1.17	0.82	11	-2.00	-1.50	-0.50	0.20
09	MOUT	Molybdenum	50.00	2	-1.75	2.48	2	0.00	-3.50	0.00	0.00
09	MOUT	Molybdenum	100.00	1	-8.00	0.00	1	0.00	0.00	0.00	-8.00
09	MOUT	Molybdenum	200.00	1	-40.00	0.00	1	0.00	0.00	0.00	-40.00
09	MOUT	Molybdenum	250.00	1	-45.00	0.00	1	0.00	0.00	0.00	-45.00
09	MOUT	Molybdenum	500.00	1	-20.00	0.00	1	0.00	0.00	0.00	-20.00
09	NIUT	Nickel	1.00	2	0.35	0.14	2	0.00	0.25	0.00	0.45

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quantiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	NIUT	Nickel	1.25	13	0.08	0.18	16	-0.25	0.05	0.20	1.05
09	NIUT	Nickel	1.50	3	0.10	0.17	3	0.00	0.00	0.00	0.30
09	NIUT	Nickel	2.00	2	0.75	1.06	2	0.00	0.00	0.00	1.50
09	NIUT	Nickel	5.00	2	-0.83	1.66	2	0.00	-2.00	0.00	0.35
09	NIUT	Nickel	10.00	17	0.60	0.81	17	0.00	0.50	1.00	2.00
09	NIUT	Nickel	20.00	2	7.25	3.89	2	0.00	4.50	0.00	10.00
09	NIUT	Nickel	30.00	2	4.00	2.83	2	0.00	2.00	0.00	6.00
09	NIUT	Nickel	100.00	1	6.00	0.00	1	0.00	0.00	0.00	6.00
09	PBUT	Lead	1.00	3	-0.07	0.00	3	0.00	-0.07	-0.07	-0.07
09	PBUT	Lead	1.33	3	0.65	0.37	3	0.00	0.27	0.67	1.00
09	PBUT	Lead	1.67	15	-0.06	0.63	16	-0.50	-0.13	0.37	1.33
09	PBUT	Lead	3.33	3	-0.66	0.25	3	0.00	-0.90	-0.67	-0.40
09	PBUT	Lead	6.67	6	-0.95	2.32	6	-5.67	0.00	0.00	0.33
09	PBUT	Lead	13.33	2	-0.17	0.71	2	0.00	-0.67	0.00	0.33
09	PBUT	Lead	16.67	11	1.31	0.82	11	0.37	0.77	1.67	2.67
09	PBUT	Lead	33.33	2	1.50	0.71	2	0.00	1.00	0.00	2.00
09	PBUT	Lead	66.67	1	-12.33	0.00	1	0.00	0.00	0.00	-12.33
09	TLUT	Thallium	0.33	2	0.03	0.00	2	0.00	0.03	0.00	0.03
09	TLUT	Thallium	1.00	5	-0.03	0.08	5	-0.17	0.00	0.00	0.00
09	TLUT	Thallium	1.33	12	1.30	1.04	12	0.00	1.97	2.00	2.07

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	TLUT	Thallium	3.33	8	0.02	0.24	10	-0.33	-0.03	0.07	0.60
09	TLUT	Thallium	6.67	4	-5.67	0.00	4	-5.67	-5.67	-5.67	-5.67
09	TLUT	Thallium	16.67	2	0.33	1.89	2	0.00	-1.00	0.00	1.67
09	TLUT	Thallium	32.67	1	0.00	0.00	1	0.00	0.00	0.00	0.00
09	TLUT	Thallium	33.33	8	-0.92	1.48	10	-2.67	-0.67	0.67	5.00
09	VVUT	Vanadium	1.00	3	0.08	0.10	3	0.00	0.00	0.04	0.19
09	VVUT	Vanadium	1.33	2	0.00	0.00	2	0.00	0.00	0.00	0.00
09	VVUT	Vanadium	1.67	13	0.01	0.18	18	-0.17	0.00	0.17	0.97
09	VVUT	Vanadium	3.33	2	0.07	0.38	2	0.00	-0.20	0.00	0.33
09	VVUT	Vanadium	6.67	6	-0.22	0.27	6	-0.67	-0.33	0.00	0.00
09	VVUT	Vanadium	16.67	10	0.44	0.31	11	0.00	0.33	0.60	1.00
09	VVUT	Vanadium	33.33	1	11.00	0.00	1	0.00	0.00	0.00	11.00
09	VVUT	Vanadium	66.67	2	4.17	3.54	2	0.00	1.67	0.00	6.67
09	VVUT	Vanadium	166.67	1	6.67	0.00	1	0.00	0.00	0.00	6.67
09	VVUT	Vanadium	250.00	1	22.33	0.00	1	0.00	0.00	0.00	22.33
09	VVUT	Vanadium	2,500.00	1	800.00	0.00	1	0.00	0.00	0.00	800.00
09	ZNUT	Zinc	3.00	3	0.94	1.15	3	0.00	0.00	0.60	2.22
09	ZNUT	Zinc	4.00	2	1.50	2.12	2	0.00	0.00	0.00	3.00
09	ZNUT	Zinc	8.00	2	33.70	46.25	2	0.00	1.00	0.00	66.40
09	ZNUT	Zinc	10.00	15	0.85	0.66	20	-0.40	0.70	1.10	11.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
09	ZNUT	Zinc	20.00	6	-0.17	0.98	7	-1.00	-1.00	1.00	3.00
09	ZNUT	Zinc	40.00	2	-0.50	6.36	2	0.00	-5.00	0.00	4.00
09	ZNUT	Zinc	100.00	10	1.60	2.84	11	-2.00	1.00	3.00	13.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X11122	1,1,2,2-Tetrachloroethane	0.15	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
16	X11122	1,1,2,2-Tetrachloroethane	0.18	1	-0.01	0.00	1	0.00	0.00	0.00	-0.01
16	X11122	1,1,2,2-Tetrachloroethane	0.18	1	0.01	0.00	1	0.00	0.00	0.00	0.01
16	X11122	1,1,2,2-Tetrachloroethane	0.43	10	0.01	0.20	10	-0.25	-0.02	0.03	0.32
16	X11122	1,1,2,2-Tetrachloroethane	0.47	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
16	X11122	1,1,2,2-Tetrachloroethane	0.50	4	-0.12	0.11	4	-0.28	-0.11	-0.08	-0.02
16	X11122	1,1,2,2-Tetrachloroethane	0.53	1	0.51	0.00	1	0.00	0.00	0.00	0.51
16	X11122	1,1,2,2-Tetrachloroethane	0.54	5	-0.14	0.13	5	-0.31	-0.22	-0.08	-0.01
16	X11122	1,1,2,2-Tetrachloroethane	0.58	1	0.30	0.00	1	0.00	0.00	0.00	0.30
16	X11122	1,1,2,2-Tetrachloroethane	0.60	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X11122	1,1,2,2-Tetrachloroethane	0.63	2	0.05	0.03	2	0.00	0.02	0.00	0.07
16	X11122	1,1,2,2-Tetrachloroethane	0.65	2	-0.06	0.02	2	0.00	-0.07	0.00	-0.05
16	X11122	1,1,2,2-Tetrachloroethane	0.70	8	-0.18	0.14	8	-0.38	-0.14	-0.09	-0.04
16	X11122	1,1,2,2-Tetrachloroethane	0.79	3	-0.19	0.09	3	0.00	-0.26	-0.23	-0.09
16	X11122	1,1,2,2-Tetrachloroethane	0.93	6	-0.19	0.12	6	-0.34	-0.21	-0.17	-0.04
16	X11122	1,1,2,2-Tetrachloroethane	0.98	4	-0.18	0.36	4	-0.65	-0.28	0.07	0.14
16	X11122	1,1,2,2-Tetrachloroethane	1.08	1	-0.97	0.00	1	0.00	0.00	0.00	-0.97
16	X11122	1,1,2,2-Tetrachloroethane	1.12	31	-0.11	0.06	34	-0.16	-0.12	-0.07	1.21
16	X11122	1,1,2,2-Tetrachloroethane	1.16	68	-0.20	0.47	68	-0.56	-0.14	0.14	0.65
16	X11122	1,1,2,2-Tetrachloroethane	1.30	5	-0.49	0.35	5	-0.97	-0.69	-0.43	-0.14

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X11122	1,1,2,2-Tetrachloroethane	1.30	6	-0.45	0.70	6	-1.26	-0.40	-0.26	0.63
16	X11122	1,1,2,2-Tetrachloroethane	1.47	18	-0.41	0.33	22	-0.65	-0.49	-0.14	2.77
16	X11122	1,1,2,2-Tetrachloroethane	1.63	3	0.30	1.40	3	0.00	-1.05	0.21	1.74
16	X11122	1,1,2,2-Tetrachloroethane	1.70	2	-0.13	0.28	2	0.00	-0.33	0.00	0.07
16	X11122	1,1,2,2-Tetrachloroethane	2.09	1	-0.70	0.00	1	0.00	0.00	0.00	-0.70
16	X11122	1,1,2,2-Tetrachloroethane	2.33	48	-0.33	0.56	53	-0.93	-0.37	-0.05	0.87
16	X11122	1,1,2,2-Tetrachloroethane	2.44	1	-2.37	0.00	1	0.00	0.00	0.00	-2.37
16	X11122	1,1,2,2-Tetrachloroethane	2.65	1	1.54	0.00	1	0.00	0.00	0.00	1.54
16	X11122	1,1,2,2-Tetrachloroethane	2.70	1	-0.19	0.00	1	0.00	0.00	0.00	-0.19
16	X11122	1,1,2,2-Tetrachloroethane	2.88	1	-0.09	0.00	1	0.00	0.00	0.00	-0.09
16	X11122	1,1,2,2-Tetrachloroethane	2.90	2	-0.72	0.53	2	0.00	-1.09	0.00	-0.35
16	X11122	1,1,2,2-Tetrachloroethane	2.91	1	0.12	0.00	1	0.00	0.00	0.00	0.12
16	X11122	1,1,2,2-Tetrachloroethane	3.49	1	-0.23	0.00	1	0.00	0.00	0.00	-0.23
16	X11122	1,1,2,2-Tetrachloroethane	3.51	1	-0.93	0.00	1	0.00	0.00	0.00	-0.93
16	X11122	1,1,2,2-Tetrachloroethane	3.60	3	0.98	2.44	3	0.00	-0.56	-0.30	3.79
16	X11122	1,1,2,2-Tetrachloroethane	3.72	1	-1.02	0.00	1	0.00	0.00	0.00	-1.02
16	X11122	1,1,2,2-Tetrachloroethane	3.95	3	1.59	4.82	3	0.00	-3.88	3.47	5.19
16	X11122	1,1,2,2-Tetrachloroethane	4.65	117	-0.25	0.81	124	-1.16	-0.23	0.23	1.86
16	X11122	1,1,2,2-Tetrachloroethane	4.79	1	0.47	0.00	1	0.00	0.00	0.00	0.47
16	X11122	1,1,2,2-Tetrachloroethane	5.37	3	-0.74	0.12	4	-0.81	-0.81	-0.61	-0.19

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X11122	1,1,2,2-Tetrachloroethane	5.40	1	0.26	0.00	1	0.00	0.00	0.00	0.26
16	X11122	1,1,2,2-Tetrachloroethane	5.49	14	0.15	0.31	14	-0.26	0.16	0.35	0.70
16	X11122	1,1,2,2-Tetrachloroethane	5.58	11	1.69	1.96	11	-0.33	0.70	3.49	4.42
16	X11122	1,1,2,2-Tetrachloroethane	9.30	4	-0.30	0.72	4	-1.23	-0.30	-0.19	0.51
16	X11122	1,1,2,2-Tetrachloroethane	11.63	12	-1.38	2.50	12	-4.23	-1.02	0.00	1.51
16	X11122	1,1,2,2-Tetrachloroethane	13.95	4	-0.95	1.98	4	-3.28	-1.04	-1.04	1.55
16	X1112T	1,1,2-Trichloroethane	1.05	3	-0.37	0.03	5	-0.40	-0.37	-0.35	-0.13
16	X1112T	1,1,2-Trichloroethane	1.40	1	0.30	0.00	1	0.00	0.00	0.00	0.30
16	X1112T	1,1,2-Trichloroethane	1.60	1	0.07	0.00	1	0.00	0.00	0.00	0.07
16	X1112T	1,1,2-Trichloroethane	1.73	1	0.63	0.00	1	0.00	0.00	0.00	0.63
16	X1112T	1,1,2-Trichloroethane	3.10	9	-0.59	0.99	10	-1.65	-0.53	-0.23	1.85
16	X1112T	1,1,2-Trichloroethane	3.33	2	-0.05	0.14	2	0.00	-0.15	0.00	0.05
16	X1112T	1,1,2-Trichloroethane	3.62	4	-0.40	1.07	4	-1.95	-0.23	0.13	0.45
16	X1112T	1,1,2-Trichloroethane	3.63	1	-0.47	0.00	1	0.00	0.00	0.00	-0.47
16	X1112T	1,1,2-Trichloroethane	3.83	1	4.83	0.00	1	0.00	0.00	0.00	4.83
16	X1112T	1,1,2-Trichloroethane	3.87	5	-0.88	0.68	5	-1.75	-1.45	-0.57	-0.18
16	X1112T	1,1,2-Trichloroethane	4.17	1	-3.77	0.00	1	0.00	0.00	0.00	-3.77
16	X1112T	1,1,2-Trichloroethane	4.67	1	0.33	0.00	1	0.00	0.00	0.00	0.33
16	X1112T	1,1,2-Trichloroethane	5.00	7	-0.88	0.10	10	-1.00	-0.88	-0.83	-0.50
16	X1112T	1,1,2-Trichloroethane	5.67	3	-1.94	1.71	3	0.00	-3.83	-1.50	-0.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quantiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1112T	1,1,2-Trichloroethane	6.67	5	-1.08	0.66	6	-1.85	-1.10	-1.00	0.73
16	X1112T	1,1,2-Trichloroethane	7.00	2	-0.33	1.18	2	0.00	-1.17	0.00	0.50
16	X1112T	1,1,2-Trichloroethane	7.67	2	-6.67	0.00	2	0.00	-6.67	0.00	-6.67
16	X1112T	1,1,2-Trichloroethane	8.33	63	0.73	1.10	68	-0.17	0.67	1.83	5.00
16	X1112T	1,1,2-Trichloroethane	8.75	1	-2.77	0.00	1	0.00	0.00	0.00	-2.77
16	X1112T	1,1,2-Trichloroethane	9.33	6	-1.94	2.67	6	-5.83	-1.50	-1.33	1.17
16	X1112T	1,1,2-Trichloroethane	9.57	3	-3.37	0.89	4	-4.35	-3.13	-2.62	0.60
16	X1112T	1,1,2-Trichloroethane	10.50	19	0.36	1.00	23	-1.00	0.17	0.67	4.67
16	X1112T	1,1,2-Trichloroethane	11.17	32	-0.53	0.38	34	-0.83	-0.50	-0.17	17.17
16	X1112T	1,1,2-Trichloroethane	11.67	2	-0.75	0.35	2	0.00	-1.00	0.00	-0.50
16	X1112T	1,1,2-Trichloroethane	12.17	3	-1.61	4.50	3	0.00	-6.17	-1.50	2.83
16	X1112T	1,1,2-Trichloroethane	13.50	3	-3.61	0.35	5	-4.00	-3.50	-3.33	0.00
16	X1112T	1,1,2-Trichloroethane	15.00	1	-4.92	0.00	1	0.00	0.00	0.00	-4.92
16	X1112T	1,1,2-Trichloroethane	16.67	46	0.59	1.58	53	-1.00	0.33	1.50	1323.33
16	X1112T	1,1,2-Trichloroethane	17.50	1	-17.15	0.00	1	0.00	0.00	0.00	-17.15
16	X1112T	1,1,2-Trichloroethane	18.50	3	-3.44	0.42	4	-3.83	-3.50	-3.00	-0.17
16	X1112T	1,1,2-Trichloroethane	19.00	1	2.00	0.00	1	0.00	0.00	0.00	2.00
16	X1112T	1,1,2-Trichloroethane	19.33	1	1.33	0.00	1	0.00	0.00	0.00	1.33
16	X1112T	1,1,2-Trichloroethane	25.00	1	-24.00	0.00	1	0.00	0.00	0.00	-24.00
16	X1112T	1,1,2-Trichloroethane	33.33	121	0.32	2.37	131	-1.67	0.00	1.67	13.33

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1112T	1,1,2-Trichloroethane	36.67	1	-2.67	0.00	1	0.00	0.00	0.00	-2.67
16	X1112T	1,1,2-Trichloroethane	38.50	4	-0.67	2.82	4	-4.00	-2.00	1.67	1.67
16	X1112T	1,1,2-Trichloroethane	38.67	4	-0.92	0.22	5	-1.17	-1.00	-0.83	3.17
16	X1112T	1,1,2-Trichloroethane	38.83	1	-1.17	0.00	1	0.00	0.00	0.00	-1.17
16	X1112T	1,1,2-Trichloroethane	39.33	14	2.18	2.50	14	-0.17	1.33	4.33	6.33
16	X1112T	1,1,2-Trichloroethane	40.00	6	2.58	2.81	6	-1.33	1.67	5.00	5.00
16	X1112T	1,1,2-Trichloroethane	46.67	4	-9.93	21.87	4	-30.70	-25.67	1.67	15.00
16	X1112T	1,1,2-Trichloroethane	66.67	4	-11.50	6.55	4	-19.00	-14.33	-8.67	-4.00
16	X1112T	1,1,2-Trichloroethane	83.33	12	13.54	6.31	12	8.67	13.33	18.33	23.33
16	X1112T	1,1,2-Trichloroethane	100.00	4	38.19	17.81	4	14.25	36.00	47.27	55.25
16	X111CE	1,1-Dichloroethane	0.63	4	-0.23	0.02	5	-0.25	-0.24	-0.23	-0.14
16	X111CE	1,1-Dichloroethane	0.81	1	0.14	0.00	1	0.00	0.00	0.00	0.14
16	X111CE	1,1-Dichloroethane	1.03	1	0.15	0.00	1	0.00	0.00	0.00	0.15
16	X111CE	1,1-Dichloroethane	1.05	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X111CE	1,1-Dichloroethane	1.88	1	-0.13	0.00	1	0.00	0.00	0.00	-0.13
16	X111CE	1,1-Dichloroethane	2.33	10	0.35	0.64	10	-0.31	0.04	0.89	1.11
16	X111CE	1,1-Dichloroethane	2.50	2	-0.01	0.02	2	0.00	-0.03	0.00	0.00
16	X111CE	1,1-Dichloroethane	2.88	1	3.75	0.00	1	0.00	0.00	0.00	3.75
16	X111CE	1,1-Dichloroethane	2.90	5	-0.18	0.10	5	-0.35	-0.16	-0.15	-0.08
16	X111CE	1,1-Dichloroethane	2.99	4	-1.03	0.57	4	-1.85	-0.88	-0.84	-0.55

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X111CE	1,1-Dichloroethane	3.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X111CE	1,1-Dichloroethane	3.44	1	-0.56	0.00	1	0.00	0.00	0.00	-0.56
16	X111CE	1,1-Dichloroethane	4.00	2	5.38	3.71	2	0.00	2.75	0.00	8.00
16	X111CE	1,1-Dichloroethane	4.13	7	-1.06	0.36	8	-1.49	-1.25	-0.84	-0.61
16	X111CE	1,1-Dichloroethane	4.25	2	-1.94	0.62	2	0.00	-2.38	0.00	-1.50
16	X111CE	1,1-Dichloroethane	4.75	2	-0.94	1.33	2	0.00	-1.88	0.00	0.00
16	X111CE	1,1-Dichloroethane	5.00	6	-1.21	0.93	6	-2.18	-1.55	-1.13	-0.11
16	X111CE	1,1-Dichloroethane	5.89	1	-1.88	0.00	1	0.00	0.00	0.00	-1.88
16	X111CE	1,1-Dichloroethane	6.25	66	0.30	0.82	68	-0.25	0.25	1.00	2.38
16	X111CE	1,1-Dichloroethane	7.00	6	-3.23	1.62	6	-6.00	-3.38	-2.75	-1.13
16	X111CE	1,1-Dichloroethane	7.08	4	-2.34	0.62	5	-3.08	-2.45	-2.25	-0.89
16	X111CE	1,1-Dichloroethane	7.50	32	-0.28	0.33	34	-0.50	-0.25	0.00	10.00
16	X111CE	1,1-Dichloroethane	8.63	21	-0.91	2.14	24	-2.38	-0.13	1.13	11.88
16	X111CE	1,1-Dichloroethane	8.75	2	-3.63	0.18	2	0.00	-3.75	0.00	-3.50
16	X111CE	1,1-Dichloroethane	9.13	3	-2.96	2.75	3	0.00	-5.75	-2.88	-0.25
16	X111CE	1,1-Dichloroethane	9.50	1	-2.50	0.00	1	0.00	0.00	0.00	-2.50
16	X111CE	1,1-Dichloroethane	10.50	4	-0.41	2.58	4	-3.38	-1.63	1.00	2.38
16	X111CE	1,1-Dichloroethane	11.25	1	-4.99	0.00	1	0.00	0.00	0.00	-4.99
16	X111CE	1,1-Dichloroethane	12.50	45	-0.03	1.13	53	-0.88	0.00	1.25	21.25
16	X111CE	1,1-Dichloroethane	13.13	1	-12.88	0.00	1	0.00	0.00	0.00	-12.88

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X111CE	1,1-Dichloroethane	14.25	1	0.63	0.00	1	0.00	0.00	0.00	0.63
16	X111CE	1,1-Dichloroethane	14.50	1	-2.00	0.00	1	0.00	0.00	0.00	-2.00
16	X111CE	1,1-Dichloroethane	16.75	3	-6.21	0.44	4	-6.63	-6.25	-5.75	-0.50
16	X111CE	1,1-Dichloroethane	20.00	3	1.08	7.88	3	0.00	-4.90	-1.88	10.00
16	X111CE	1,1-Dichloroethane	25.00	115	-0.20	1.74	128	-1.25	0.00	1.25	44.13
16	X111CE	1,1-Dichloroethane	25.13	1	-0.38	0.00	1	0.00	0.00	0.00	-0.38
16	X111CE	1,1-Dichloroethane	27.75	4	-0.22	3.18	4	-4.13	-1.50	2.38	2.38
16	X111CE	1,1-Dichloroethane	27.88	1	2.00	0.00	1	0.00	0.00	0.00	2.00
16	X111CE	1,1-Dichloroethane	28.38	14	0.99	4.08	14	-2.88	0.50	2.63	8.38
16	X111CE	1,1-Dichloroethane	29.13	3	-2.08	2.67	5	-5.00	-1.50	0.25	10.13
16	X111CE	1,1-Dichloroethane	30.00	6	-2.19	5.39	7	-10.00	-2.88	1.25	75.13
16	X111CE	1,1-Dichloroethane	31.25	1	-2.50	0.00	1	0.00	0.00	0.00	-2.50
16	X111CE	1,1-Dichloroethane	50.00	4	-6.56	2.77	4	-10.13	-7.13	-5.38	-3.63
16	X111CE	1,1-Dichloroethane	62.50	8	2.17	2.45	12	-0.50	1.63	3.75	8.75
16	X111CE	1,1-Dichloroethane	75.00	4	129.81	45.56	4	61.71	147.16	154.03	156.34
16	X111CE	1,1-Dichloroethane	425.00	1	-421.75	0.00	1	0.00	0.00	0.00	-421.75
16	X111CY	1,1-Dichloroethylene	0.18	5	-0.07	0.03	5	-0.11	-0.08	-0.07	-0.04
16	X111CY	1,1-Dichloroethylene	0.21	1	0.01	0.00	1	0.00	0.00	0.00	0.01
16	X111CY	1,1-Dichloroethylene	0.32	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
16	X111CY	1,1-Dichloroethylene	0.34	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X111CY	1,1-Dichloroethylene	0.66	8	-0.02	0.20	9	-0.22	-0.06	0.17	3.34
16	X111CY	1,1-Dichloroethylene	0.71	2	-0.11	0.04	2	0.00	-0.14	0.00	-0.09
16	X111CY	1,1-Dichloroethylene	0.78	4	-0.31	0.29	4	-0.67	-0.42	-0.09	-0.05
16	X111CY	1,1-Dichloroethylene	0.82	3	0.17	1.01	3	0.00	-0.68	-0.11	1.29
16	X111CY	1,1-Dichloroethylene	0.83	4	-0.07	0.01	5	-0.09	-0.07	-0.07	-0.04
16	X111CY	1,1-Dichloroethylene	0.89	1	0.54	0.00	1	0.00	0.00	0.00	0.54
16	X111CY	1,1-Dichloroethylene	1.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X111CY	1,1-Dichloroethylene	1.07	5	-0.31	0.25	5	-0.72	-0.32	-0.28	-0.02
16	X111CY	1,1-Dichloroethylene	1.21	3	-0.44	0.13	3	0.00	-0.57	-0.43	-0.32
16	X111CY	1,1-Dichloroethylene	1.43	4	-0.38	0.08	6	-0.46	-0.34	-0.30	0.10
16	X111CY	1,1-Dichloroethylene	1.61	3	-1.10	0.21	3	0.00	-1.21	-1.21	-0.86
16	X111CY	1,1-Dichloroethylene	1.66	1	-0.48	0.00	1	0.00	0.00	0.00	-0.48
16	X111CY	1,1-Dichloroethylene	1.68	2	-0.43	0.51	2	0.00	-0.79	0.00	-0.07
16	X111CY	1,1-Dichloroethylene	1.79	57	0.10	0.37	68	-0.14	0.11	0.43	1.75
16	X111CY	1,1-Dichloroethylene	1.99	4	-0.47	0.36	5	-0.98	-0.45	-0.29	0.67
16	X111CY	1,1-Dichloroethylene	2.00	6	-0.97	0.42	6	-1.75	-0.86	-0.82	-0.61
16	X111CY	1,1-Dichloroethylene	2.25	21	0.10	1.38	24	-0.96	0.11	1.14	4.14
16	X111CY	1,1-Dichloroethylene	2.28	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
16	X111CY	1,1-Dichloroethylene	2.50	2	-1.75	0.05	2	0.00	-1.79	0.00	-1.71
16	X111CY	1,1-Dichloroethylene	2.61	3	-0.99	0.80	3	0.00	-1.79	-1.00	-0.18

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X111CY	1,1-Dichloroethylene	2.86	1	-1.57	0.00	1	0.00	0.00	0.00	-1.57
16	X111CY	1,1-Dichloroethylene	3.11	3	-0.86	0.19	4	-0.96	-0.96	-0.64	0.46
16	X111CY	1,1-Dichloroethylene	3.21	1	-1.89	0.00	1	0.00	0.00	0.00	-1.89
16	X111CY	1,1-Dichloroethylene	3.43	32	0.18	0.30	34	-0.07	0.21	0.43	4.43
16	X111CY	1,1-Dichloroethylene	3.57	42	-0.08	0.41	53	-0.39	-0.11	0.36	2.90
16	X111CY	1,1-Dichloroethylene	3.75	1	-3.64	0.00	1	0.00	0.00	0.00	-3.64
16	X111CY	1,1-Dichloroethylene	4.07	1	-0.61	0.00	1	0.00	0.00	0.00	-0.61
16	X111CY	1,1-Dichloroethylene	4.14	1	-2.32	0.00	1	0.00	0.00	0.00	-2.32
16	X111CY	1,1-Dichloroethylene	6.21	3	-2.79	0.13	4	-2.89	-2.82	-2.64	-1.93
16	X111CY	1,1-Dichloroethylene	7.14	110	-0.21	0.67	127	-0.71	-0.36	0.36	2.86
16	X111CY	1,1-Dichloroethylene	7.32	1	1.50	0.00	1	0.00	0.00	0.00	1.50
16	X111CY	1,1-Dichloroethylene	7.50	1	6.39	0.00	1	0.00	0.00	0.00	6.39
16	X111CY	1,1-Dichloroethylene	7.93	3	0.75	1.18	3	0.00	-0.61	1.43	1.43
16	X111CY	1,1-Dichloroethylene	7.96	1	0.46	0.00	1	0.00	0.00	0.00	0.46
16	X111CY	1,1-Dichloroethylene	8.11	11	0.22	0.87	12	-1.29	0.46	0.75	1.07
16	X111CY	1,1-Dichloroethylene	8.14	2	0.70	0.48	2	0.00	0.36	0.00	1.04
16	X111CY	1,1-Dichloroethylene	8.18	1	2.07	0.00	1	0.00	0.00	0.00	2.07
16	X111CY	1,1-Dichloroethylene	8.50	5	-0.27	0.40	5	-0.93	-0.29	-0.14	0.14
16	X111CY	1,1-Dichloroethylene	8.57	6	-1.78	2.33	6	-5.71	-2.14	-0.57	0.71
16	X111CY	1,1-Dichloroethylene	9.29	1	-1.43	0.00	1	0.00	0.00	0.00	-1.43

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X111CY	1,1-Dichloroethylene	10.00	3	0.27	6.89	3	0.00	-5.75	-1.23	7.79
16	X111CY	1,1-Dichloroethylene	14.29	3	-3.42	0.64	4	-4.04	-3.46	-2.75	-0.89
16	X111CY	1,1-Dichloroethylene	17.86	8	0.48	0.90	12	-0.57	0.36	1.43	4.29
16	X111CY	1,1-Dichloroethylene	21.43	4	18.50	12.50	4	0.20	20.80	26.50	26.51
16	X112CE	1,2-Dichloroethane	0.73	5	-0.14	0.03	5	-0.18	-0.18	-0.13	-0.10
16	X112CE	1,2-Dichloroethane	0.95	1	0.28	0.00	1	0.00	0.00	0.00	0.28
16	X112CE	1,2-Dichloroethane	1.05	1	-0.13	0.00	1	0.00	0.00	0.00	-0.13
16	X112CE	1,2-Dichloroethane	1.23	1	0.03	0.00	1	0.00	0.00	0.00	0.03
16	X112CE	1,2-Dichloroethane	2.33	8	0.21	0.48	10	-0.16	0.25	0.46	1.63
16	X112CE	1,2-Dichloroethane	2.50	2	-0.34	0.45	2	0.00	-0.66	0.00	-0.03
16	X112CE	1,2-Dichloroethane	2.71	3	-1.23	0.65	4	-1.85	-1.30	-0.55	1.71
16	X112CE	1,2-Dichloroethane	2.88	1	3.13	0.00	1	0.00	0.00	0.00	3.13
16	X112CE	1,2-Dichloroethane	2.90	3	-0.25	0.06	5	-0.33	-0.24	-0.20	0.01
16	X112CE	1,2-Dichloroethane	3.13	1	-0.99	0.00	1	0.00	0.00	0.00	-0.99
16	X112CE	1,2-Dichloroethane	3.63	2	-0.94	0.62	2	0.00	-1.38	0.00	-0.50
16	X112CE	1,2-Dichloroethane	3.75	6	-0.67	0.15	9	-0.88	-0.74	-0.50	3.25
16	X112CE	1,2-Dichloroethane	3.83	1	-0.33	0.00	1	0.00	0.00	0.00	-0.33
16	X112CE	1,2-Dichloroethane	4.25	3	-1.42	0.29	3	0.00	-1.75	-1.25	-1.25
16	X112CE	1,2-Dichloroethane	5.00	6	-1.05	0.37	8	-1.28	-1.00	-0.66	1.00
16	X112CE	1,2-Dichloroethane	5.25	2	2.06	3.62	2	0.00	-0.50	0.00	4.63

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X112CE	1,2-Dichloroethane	5.38	31	-0.29	0.29	34	-0.50	-0.25	0.00	7.13
16	X112CE	1,2-Dichloroethane	5.91	1	-1.50	0.00	1	0.00	0.00	0.00	-1.50
16	X112CE	1,2-Dichloroethane	6.25	63	0.36	0.78	67	-0.25	0.38	1.13	3.00
16	X112CE	1,2-Dichloroethane	6.88	1	-3.13	0.00	1	0.00	0.00	0.00	-3.13
16	X112CE	1,2-Dichloroethane	7.00	6	-2.40	1.25	6	-4.13	-3.00	-2.00	-0.75
16	X112CE	1,2-Dichloroethane	7.09	3	-2.53	0.25	5	-2.71	-2.63	-2.25	-1.28
16	X112CE	1,2-Dichloroethane	7.88	19	-0.54	1.84	20	-2.38	-0.38	0.75	6.38
16	X112CE	1,2-Dichloroethane	8.75	2	-1.94	0.09	2	0.00	-2.00	0.00	-1.88
16	X112CE	1,2-Dichloroethane	9.13	4	-1.59	1.70	5	-3.75	-2.13	-0.50	6.63
16	X112CE	1,2-Dichloroethane	10.25	1	-2.75	0.00	1	0.00	0.00	0.00	-2.75
16	X112CE	1,2-Dichloroethane	11.25	1	-2.89	0.00	1	0.00	0.00	0.00	-2.89
16	X112CE	1,2-Dichloroethane	11.88	3	-3.13	0.63	4	-3.75	-3.13	-2.50	0.13
16	X112CE	1,2-Dichloroethane	12.50	46	-0.46	1.32	53	-1.58	-0.23	0.65	9.13
16	X112CE	1,2-Dichloroethane	13.13	1	-12.49	0.00	1	0.00	0.00	0.00	-12.49
16	X112CE	1,2-Dichloroethane	14.25	1	1.25	0.00	1	0.00	0.00	0.00	1.25
16	X112CE	1,2-Dichloroethane	14.50	1	-0.88	0.00	1	0.00	0.00	0.00	-0.88
16	X112CE	1,2-Dichloroethane	20.00	1	-1.25	0.00	1	0.00	0.00	0.00	-1.25
16	X112CE	1,2-Dichloroethane	20.88	4	-2.13	3.39	4	-7.13	-0.88	-0.88	0.38
16	X112CE	1,2-Dichloroethane	24.75	1	4.75	0.00	1	0.00	0.00	0.00	4.75
16	X112CE	1,2-Dichloroethane	25.00	113	0.35	1.65	132	-1.25	0.00	1.25	25.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X112CE	1,2-Dichloroethane	27.50	3	-4.79	9.95	3	0.00	-11.63	-9.38	6.63
16	X112CE	1,2-Dichloroethane	28.38	1	-3.38	0.00	1	0.00	0.00	0.00	-3.38
16	X112CE	1,2-Dichloroethane	28.63	3	2.08	2.89	3	0.00	-1.25	3.75	3.75
16	X112CE	1,2-Dichloroethane	28.75	6	1.56	1.41	6	-0.25	1.00	2.50	3.00
16	X112CE	1,2-Dichloroethane	29.25	11	0.68	1.21	14	0.13	1.00	2.00	6.88
16	X112CE	1,2-Dichloroethane	30.00	5	2.00	3.14	7	-1.38	2.50	5.00	33.13
16	X112CE	1,2-Dichloroethane	50.00	4	-5.88	2.05	4	-8.25	-6.00	-6.00	-3.25
16	X112CE	1,2-Dichloroethane	62.50	12	5.79	4.59	12	1.25	7.00	8.75	12.50
16	X112CE	1,2-Dichloroethane	75.00	4	14.28	13.12	4	-4.16	13.98	22.98	24.33
16	X112CP	1,2-Dichloropropane	0.57	4	-0.15	0.03	5	-0.18	-0.17	-0.14	-0.10
16	X112CP	1,2-Dichloropropane	0.84	1	0.22	0.00	1	0.00	0.00	0.00	0.22
16	X112CP	1,2-Dichloropropane	0.87	2	0.08	0.07	2	0.00	0.03	0.00	0.13
16	X112CP	1,2-Dichloropropane	2.07	10	0.33	0.56	10	-0.29	0.18	0.67	1.17
16	X112CP	1,2-Dichloropropane	2.22	2	-0.06	0.17	2	0.00	-0.18	0.00	0.06
16	X112CP	1,2-Dichloropropane	2.53	1	-0.31	0.00	1	0.00	0.00	0.00	-0.31
16	X112CP	1,2-Dichloropropane	2.56	2	1.89	1.10	2	0.00	1.11	0.00	2.67
16	X112CP	1,2-Dichloropropane	2.58	5	-0.10	0.16	5	-0.33	-0.16	-0.11	0.09
16	X112CP	1,2-Dichloropropane	2.80	4	-0.14	0.95	4	-1.48	0.07	0.11	0.76
16	X112CP	1,2-Dichloropropane	2.89	2	-0.45	0.47	2	0.00	-0.78	0.00	-0.11
16	X112CP	1,2-Dichloropropane	3.00	1	-1.78	0.00	1	0.00	0.00	0.00	-1.78

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X112CP	1,2-Dichloropropane	3.11	2	6.33	2.36	2	0.00	4.67	0.00	8.00
16	X112CP	1,2-Dichloropropane	3.22	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X112CP	1,2-Dichloropropane	3.33	1	-0.27	0.00	1	0.00	0.00	0.00	-0.27
16	X112CP	1,2-Dichloropropane	3.80	1	-0.42	0.00	1	0.00	0.00	0.00	-0.42
16	X112CP	1,2-Dichloropropane	3.87	3	-1.09	0.01	5	-1.09	-1.09	-1.08	-0.47
16	X112CP	1,2-Dichloropropane	3.89	1	-1.22	0.00	1	0.00	0.00	0.00	-1.22
16	X112CP	1,2-Dichloropropane	4.33	2	-1.33	0.47	2	0.00	-1.67	0.00	-1.00
16	X112CP	1,2-Dichloropropane	4.44	5	-0.47	0.95	6	-1.59	-0.60	-0.47	3.64
16	X112CP	1,2-Dichloropropane	5.16	1	-2.48	0.00	1	0.00	0.00	0.00	-2.48
16	X112CP	1,2-Dichloropropane	5.56	65	0.27	0.51	68	-0.11	0.22	0.56	2.00
16	X112CP	1,2-Dichloropropane	6.19	3	-2.86	0.25	5	-3.11	-2.86	-2.61	517.14
16	X112CP	1,2-Dichloropropane	6.22	6	-2.13	0.81	6	-3.00	-2.56	-1.78	-1.00
16	X112CP	1,2-Dichloropropane	7.00	1	1.89	0.00	1	0.00	0.00	0.00	1.89
16	X112CP	1,2-Dichloropropane	7.78	2	-1.56	0.00	2	0.00	-1.56	0.00	-1.56
16	X112CP	1,2-Dichloropropane	8.00	8	-0.37	2.06	8	-2.56	0.00	0.89	2.67
16	X112CP	1,2-Dichloropropane	8.11	15	-0.64	0.97	18	-1.67	-0.67	-0.33	1.43
16	X112CP	1,2-Dichloropropane	8.56	1	-1.67	0.00	1	0.00	0.00	0.00	-1.67
16	X112CP	1,2-Dichloropropane	9.56	4	-1.64	1.77	4	-3.22	-3.11	-0.22	0.00
16	X112CP	1,2-Dichloropropane	10.00	1	-4.30	0.00	1	0.00	0.00	0.00	-4.30
16	X112CP	1,2-Dichloropropane	11.11	46	-0.11	1.50	53	-1.87	-0.22	0.58	4.56

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X112CP	1,2-Dichloropropane	12.67	1	0.67	0.00	1	0.00	0.00	0.00	0.67
16	X112CP	1,2-Dichloropropane	12.89	1	1.78	0.00	1	0.00	0.00	0.00	1.78
16	X112CP	1,2-Dichloropropane	13.44	1	-13.22	0.00	1	0.00	0.00	0.00	-13.22
16	X112CP	1,2-Dichloropropane	14.22	32	-0.80	0.51	34	-1.22	-0.67	-0.44	15.78
16	X112CP	1,2-Dichloropropane	17.44	4	2.00	6.70	4	-5.22	-1.89	5.89	9.22
16	X112CP	1,2-Dichloropropane	22.22	113	0.26	1.56	131	-1.11	0.00	1.11	6.67
16	X112CP	1,2-Dichloropropane	22.33	1	4.33	0.00	1	0.00	0.00	0.00	4.33
16	X112CP	1,2-Dichloropropane	24.44	4	-0.81	2.39	4	-3.44	-2.22	1.22	1.22
16	X112CP	1,2-Dichloropropane	24.56	1	-0.22	0.00	1	0.00	0.00	0.00	-0.22
16	X112CP	1,2-Dichloropropane	25.11	14	1.11	1.61	14	0.22	0.56	2.56	3.44
16	X112CP	1,2-Dichloropropane	25.89	5	0.18	0.60	5	-0.67	0.00	0.22	1.00
16	X112CP	1,2-Dichloropropane	26.67	6	2.04	2.37	6	-1.00	1.11	3.33	4.44
16	X112CP	1,2-Dichloropropane	27.78	1	-27.33	0.00	1	0.00	0.00	0.00	-27.33
16	X112CP	1,2-Dichloropropane	30.00	1	-2.22	0.00	1	0.00	0.00	0.00	-2.22
16	X112CP	1,2-Dichloropropane	44.44	4	-6.94	2.33	4	-9.22	-8.56	-5.67	-4.33
16	X112CP	1,2-Dichloropropane	55.56	10	4.06	5.01	12	-1.11	3.33	7.78	21.11
16	X112CP	1,2-Dichloropropane	66.67	4	121.61	61.54	4	53.77	86.21	163.88	182.60
16	X113DP	Cis-1,3-Dichloropropylene	0.29	3	-0.16	0.01	5	-0.16	-0.16	-0.15	-0.09
16	X113DP	Cis-1,3-Dichloropropylene	0.60	1	0.07	0.00	1	0.00	0.00	0.00	0.07
16	X113DP	Cis-1,3-Dichloropropylene	0.66	2	0.07	0.10	2	0.00	-0.01	0.00	0.14

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X113DP	Cis-1,3-Dichloropropylene	1.03	2	1.90	1.11	2	0.00	1.11	0.00	2.69
16	X113DP	Cis-1,3-Dichloropropylene	1.08	4	-0.89	0.00	4	-0.89	-0.89	-0.89	-0.89
16	X113DP	Cis-1,3-Dichloropropylene	1.14	2	-0.52	0.13	2	0.00	-0.61	0.00	-0.43
16	X113DP	Cis-1,3-Dichloropropylene	1.24	1	-1.05	0.00	1	0.00	0.00	0.00	-1.05
16	X113DP	Cis-1,3-Dichloropropylene	1.49	4	-1.44	0.05	6	-1.48	-1.43	-1.37	-1.08
16	X113DP	Cis-1,3-Dichloropropylene	1.50	2	-1.33	0.03	2	0.00	-1.35	0.00	-1.31
16	X113DP	Cis-1,3-Dichloropropylene	1.64	1	1.07	0.00	1	0.00	0.00	0.00	1.07
16	X113DP	Cis-1,3-Dichloropropylene	1.70	9	-0.86	0.61	9	-1.61	-0.74	-0.61	0.15
16	X113DP	Cis-1,3-Dichloropropylene	1.71	3	-1.52	0.00	3	0.00	-1.52	-1.52	-1.52
16	X113DP	Cis-1,3-Dichloropropylene	1.79	1	-0.93	0.00	1	0.00	0.00	0.00	-0.93
16	X113DP	Cis-1,3-Dichloropropylene	1.83	2	-0.19	0.06	2	0.00	-0.23	0.00	-0.15
16	X113DP	Cis-1,3-Dichloropropylene	1.99	6	-1.13	0.63	6	-1.96	-1.14	-0.74	-0.51
16	X113DP	Cis-1,3-Dichloropropylene	2.90	2	-1.34	0.12	2	0.00	-1.42	0.00	-1.26
16	X113DP	Cis-1,3-Dichloropropylene	3.00	1	-2.81	0.00	1	0.00	0.00	0.00	-2.81
16	X113DP	Cis-1,3-Dichloropropylene	3.07	1	-2.88	0.00	1	0.00	0.00	0.00	-2.88
16	X113DP	Cis-1,3-Dichloropropylene	3.14	22	-1.08	1.53	23	-2.95	-0.79	-0.21	6.07
16	X113DP	Cis-1,3-Dichloropropylene	3.48	3	-2.03	0.64	5	-2.46	-2.34	-1.29	-0.27
16	X113DP	Cis-1,3-Dichloropropylene	3.57	2	-1.61	2.07	2	0.00	-3.07	0.00	-0.14
16	X113DP	Cis-1,3-Dichloropropylene	3.66	6	-0.66	0.53	6	-1.49	-0.61	-0.36	-0.14
16	X113DP	Cis-1,3-Dichloropropylene	4.00	5	-2.90	0.42	6	-3.50	-2.93	-2.50	-0.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X113DP	Cis-1,3-Dichloropropylene	4.29	54	-0.26	0.48	63	-0.71	-0.36	0.14	4.43
16	X113DP	Cis-1,3-Dichloropropylene	5.00	4	-1.70	1.16	4	-3.43	-1.29	-1.14	-0.93
16	X113DP	Cis-1,3-Dichloropropylene	5.21	3	-2.10	0.30	3	0.00	-2.43	-2.00	-1.86
16	X113DP	Cis-1,3-Dichloropropylene	5.36	4	-0.20	0.65	4	-1.07	-0.29	0.21	0.36
16	X113DP	Cis-1,3-Dichloropropylene	6.71	32	-1.18	0.71	34	-2.00	-1.14	-0.50	6.14
16	X113DP	Cis-1,3-Dichloropropylene	6.93	4	-2.09	0.83	4	-3.14	-2.36	-1.43	-1.43
16	X113DP	Cis-1,3-Dichloropropylene	7.14	38	-0.72	0.83	45	-1.56	-0.64	-0.21	1.43
16	X113DP	Cis-1,3-Dichloropropylene	7.71	1	-6.93	0.00	1	0.00	0.00	0.00	-6.93
16	X113DP	Cis-1,3-Dichloropropylene	8.14	1	-7.21	0.00	1	0.00	0.00	0.00	-7.21
16	X113DP	Cis-1,3-Dichloropropylene	8.29	1	-1.21	0.00	1	0.00	0.00	0.00	-1.21
16	X113DP	Cis-1,3-Dichloropropylene	9.57	1	0.93	0.00	1	0.00	0.00	0.00	0.93
16	X113DP	Cis-1,3-Dichloropropylene	10.00	5	-5.24	0.72	6	-6.07	-5.43	-4.64	1.64
16	X113DP	Cis-1,3-Dichloropropylene	10.71	1	17.86	0.00	1	0.00	0.00	0.00	17.86
16	X113DP	Cis-1,3-Dichloropropylene	11.14	4	-0.63	0.82	5	-1.57	-0.79	-0.57	0.93
16	X113DP	Cis-1,3-Dichloropropylene	12.41	3	-10.03	3.26	3	0.00	-11.91	-11.91	-6.26
16	X113DP	Cis-1,3-Dichloropropylene	12.43	1	-5.29	0.00	1	0.00	0.00	0.00	-5.29
16	X113DP	Cis-1,3-Dichloropropylene	14.29	107	0.22	2.33	117	-1.43	0.00	2.14	7.14
16	X113DP	Cis-1,3-Dichloropropylene	20.00	2	-5.96	6.01	2	0.00	-10.21	0.00	-1.71
16	X113DP	Cis-1,3-Dichloropropylene	20.57	2	-1.18	0.35	2	0.00	-1.43	0.00	-0.93
16	X113DP	Cis-1,3-Dichloropropylene	21.07	4	-1.30	2.12	4	-3.57	-2.64	0.50	0.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X113DP	Cis-1,3-Dichloropropylene	21.21	1	-0.36	0.00	1	0.00	0.00	0.00	-0.36
16	X113DP	Cis-1,3-Dichloropropylene	21.43	8	-1.86	1.38	9	-3.57	-2.86	-1.29	0.00
16	X113DP	Cis-1,3-Dichloropropylene	21.57	14	-6.91	9.14	14	-20.29	-2.71	-1.36	2.21
16	X113DP	Cis-1,3-Dichloropropylene	22.00	4	3.36	0.92	4	2.29	3.00	3.71	4.43
16	X113DP	Cis-1,3-Dichloropropylene	23.71	3	-7.14	1.08	4	-8.14	-7.29	-6.00	-4.00
16	X113DP	Cis-1,3-Dichloropropylene	35.71	10	-0.47	3.18	11	-4.29	-2.00	2.14	9.29
16	X113DP	Cis-1,3-Dichloropropylene	44.29	3	6.99	12.00	3	0.00	-1.29	1.50	20.76
16	X113DP	Cis-1,3-Dichloropropylene	51.43	4	8.05	9.44	4	-4.60	6.34	14.38	16.08
16	X113DP	Cis-1,3-Dichloropropylene	53.57	1	-4.64	0.00	1	0.00	0.00	0.00	-4.64
16	X113DR	Trans-1,3-Dichloropropylene	0.29	4	-0.14	0.02	5	-0.16	-0.16	-0.13	-0.10
16	X113DR	Trans-1,3-Dichloropropylene	0.59	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
16	X113DR	Trans-1,3-Dichloropropylene	0.66	3	-0.18	0.40	3	0.00	-0.63	-0.04	0.13
16	X113DR	Trans-1,3-Dichloropropylene	0.71	4	-0.59	0.07	4	-0.65	-0.64	-0.54	-0.53
16	X113DR	Trans-1,3-Dichloropropylene	0.83	1	-0.76	0.00	1	0.00	0.00	0.00	-0.76
16	X113DR	Trans-1,3-Dichloropropylene	0.96	8	-0.48	0.36	9	-0.88	-0.40	-0.30	1.30
16	X113DR	Trans-1,3-Dichloropropylene	0.99	6	-0.76	0.15	7	-0.90	-0.87	-0.59	-0.31
16	X113DR	Trans-1,3-Dichloropropylene	1.00	2	-0.72	0.21	2	0.00	-0.87	0.00	-0.57
16	X113DR	Trans-1,3-Dichloropropylene	1.03	2	-0.12	0.07	2	0.00	-0.16	0.00	-0.07
16	X113DR	Trans-1,3-Dichloropropylene	1.14	3	-0.98	0.15	3	0.00	-1.07	-1.07	-0.81
16	X113DR	Trans-1,3-Dichloropropylene	1.33	5	-0.46	0.60	5	-1.21	-0.71	-0.44	0.42

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X113DR	Trans-1,3-Dichloropropylene	1.43	1	0.14	0.00	1	0.00	0.00	0.00	0.14
16	X113DR	Trans-1,3-Dichloropropylene	1.46	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
16	X113DR	Trans-1,3-Dichloropropylene	1.64	1	0.50	0.00	1	0.00	0.00	0.00	0.50
16	X113DR	Trans-1,3-Dichloropropylene	1.67	25	-0.28	0.20	26	-0.53	-0.17	-0.11	4.47
16	X113DR	Trans-1,3-Dichloropropylene	1.68	7	-0.31	0.07	8	-0.36	-0.32	-0.21	1.46
16	X113DR	Trans-1,3-Dichloropropylene	1.79	4	0.09	0.12	4	-0.07	0.07	0.14	0.21
16	X113DR	Trans-1,3-Dichloropropylene	1.84	27	-0.21	0.14	29	-0.34	-0.23	-0.12	0.27
16	X113DR	Trans-1,3-Dichloropropylene	2.06	6	-0.35	0.29	6	-0.79	-0.36	-0.27	0.05
16	X113DR	Trans-1,3-Dichloropropylene	2.07	25	-0.79	0.85	25	-1.81	-0.72	-0.21	0.57
16	X113DR	Trans-1,3-Dichloropropylene	2.14	4	-0.66	0.73	4	-1.64	-0.79	-0.21	0.00
16	X113DR	Trans-1,3-Dichloropropylene	2.86	48	-0.23	0.35	62	-0.57	-0.14	0.07	3.00
16	X113DR	Trans-1,3-Dichloropropylene	3.07	2	-2.25	1.06	2	0.00	-3.00	0.00	-1.50
16	X113DR	Trans-1,3-Dichloropropylene	3.10	2	-2.03	0.40	2	0.00	-2.31	0.00	-1.74
16	X113DR	Trans-1,3-Dichloropropylene	3.45	1	-2.54	0.00	1	0.00	0.00	0.00	-2.54
16	X113DR	Trans-1,3-Dichloropropylene	3.57	2	-1.43	2.32	2	0.00	-3.07	0.00	0.21
16	X113DR	Trans-1,3-Dichloropropylene	4.00	6	-2.92	0.57	6	-3.64	-3.14	-2.79	-2.00
16	X113DR	Trans-1,3-Dichloropropylene	4.14	5	-3.13	0.34	7	-3.36	-3.36	-2.60	-1.66
16	X113DR	Trans-1,3-Dichloropropylene	4.29	5	-1.37	0.79	5	-2.50	-1.50	-1.29	-0.29
16	X113DR	Trans-1,3-Dichloropropylene	5.00	2	-1.14	0.10	2	0.00	-1.21	0.00	-1.07
16	X113DR	Trans-1,3-Dichloropropylene	5.14	1	-4.94	0.00	1	0.00	0.00	0.00	-4.94

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X113DR	Trans-1,3-Dichloropropylene	5.21	3	-1.69	0.72	3	0.00	-2.14	-2.07	-0.86
16	X113DR	Trans-1,3-Dichloropropylene	5.43	1	0.14	0.00	1	0.00	0.00	0.00	0.14
16	X113DR	Trans-1,3-Dichloropropylene	5.57	4	-1.70	0.50	4	-2.43	-1.57	-1.43	-1.36
16	X113DR	Trans-1,3-Dichloropropylene	5.71	2	0.57	5.76	2	0.00	-3.50	0.00	4.64
16	X113DR	Trans-1,3-Dichloropropylene	6.29	3	-1.52	0.41	5	-2.00	-1.29	-1.29	1.71
16	X113DR	Trans-1,3-Dichloropropylene	7.14	24	-1.64	1.02	25	-2.79	-1.79	-0.93	-0.07
16	X113DR	Trans-1,3-Dichloropropylene	8.14	1	-7.14	0.00	1	0.00	0.00	0.00	-7.14
16	X113DR	Trans-1,3-Dichloropropylene	8.29	1	-1.50	0.00	1	0.00	0.00	0.00	-1.50
16	X113DR	Trans-1,3-Dichloropropylene	8.57	2	-4.00	4.04	2	0.00	-6.86	0.00	-1.14
16	X113DR	Trans-1,3-Dichloropropylene	10.71	3	-1.29	1.22	3	0.00	-2.29	-1.66	0.07
16	X113DR	Trans-1,3-Dichloropropylene	11.86	4	-1.57	0.88	4	-2.64	-1.93	-0.86	-0.86
16	X113DR	Trans-1,3-Dichloropropylene	11.93	1	-1.14	0.00	1	0.00	0.00	0.00	-1.14
16	X113DR	Trans-1,3-Dichloropropylene	12.14	14	-3.88	4.77	14	-8.64	-2.86	-1.64	6.00
16	X113DR	Trans-1,3-Dichloropropylene	12.29	4	21.64	1.37	4	19.86	21.29	22.71	22.71
16	X113DR	Trans-1,3-Dichloropropylene	13.71	2	0.14	0.40	2	0.00	-0.14	0.00	0.43
16	X113DR	Trans-1,3-Dichloropropylene	14.29	116	-3.23	2.47	117	-5.71	-3.57	-0.71	2.14
16	X113DR	Trans-1,3-Dichloropropylene	17.86	1	-1.07	0.00	1	0.00	0.00	0.00	-1.07
16	X113DR	Trans-1,3-Dichloropropylene	19.14	4	-4.46	1.79	4	-6.57	-5.29	-3.29	-2.71
16	X113DR	Trans-1,3-Dichloropropylene	34.29	4	6.52	5.12	4	-0.09	5.09	9.94	11.13
16	X113DR	Trans-1,3-Dichloropropylene	35.71	11	2.22	5.37	11	-4.29	0.00	5.21	10.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1BDCM	Bromodichloromethane	2.88	1	-0.75	0.00	1	0.00	0.00	0.00	-0.75
16	X1BDCM	Bromodichloromethane	3.75	2	-0.85	1.61	2	0.00	-1.99	0.00	0.29
16	X1BDCM	Bromodichloromethane	6.25	12	0.07	0.70	13	-0.88	0.38	0.50	2.88
16	X1BDCM	Bromodichloromethane	6.76	1	-2.21	0.00	1	0.00	0.00	0.00	-2.21
16	X1BDCM	Bromodichloromethane	7.00	2	-2.13	0.00	2	0.00	-2.13	0.00	-2.13
16	X1BDCM	Bromodichloromethane	7.88	3	0.54	2.55	3	0.00	-2.38	1.63	2.38
16	X1BDCM	Bromodichloromethane	8.11	1	-3.04	0.00	1	0.00	0.00	0.00	-3.04
16	X1BDCM	Bromodichloromethane	8.13	2	-3.12	1.78	2	0.00	-4.38	0.00	-1.86
16	X1BDCM	Bromodichloromethane	9.13	1	-2.50	0.00	1	0.00	0.00	0.00	-2.50
16	X1BDCM	Bromodichloromethane	10.38	3	-3.00	0.99	4	-3.75	-3.38	-1.88	0.13
16	X1BDCM	Bromodichloromethane	12.50	33	-0.78	1.21	39	-2.00	-0.75	0.13	3.75
16	X1BDCM	Bromodichloromethane	13.13	1	-12.64	0.00	1	0.00	0.00	0.00	-12.64
16	X1BDCM	Bromodichloromethane	18.75	1	8.13	0.00	1	0.00	0.00	0.00	8.13
16	X1BDCM	Bromodichloromethane	25.00	23	-0.16	1.86	25	-1.25	0.00	1.25	5.00
16	X1BDCM	Bromodichloromethane	27.50	2	1.44	28.02	2	0.00	-18.38	0.00	21.25
16	X1BDCM	Bromodichloromethane	27.88	3	-3.25	1.94	3	0.00	-5.25	-3.13	-1.38
16	X1BDCM	Bromodichloromethane	28.00	1	1.00	0.00	1	0.00	0.00	0.00	1.00
16	X1BDCM	Bromodichloromethane	28.50	6	0.48	1.53	6	-2.25	0.63	1.00	2.00
16	X1BDCM	Bromodichloromethane	28.75	1	-9.88	0.00	1	0.00	0.00	0.00	-9.88
16	X1BDCM	Bromodichloromethane	30.13	2	-1.50	1.06	2	0.00	-2.25	0.00	-0.75

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1BIXCM	Bromodichloromethane	62.50	2	4.13	2.30	2	0.00	2.50	0.00	5.75
16	X1BROM	Bromoform	0.24	1	-0.09	0.00	1	0.00	0.00	0.00	-0.09
16	X1BROM	Bromoform	0.25	3	-0.04	0.01	5	-0.05	-0.04	-0.03	0.02
16	X1BROM	Bromoform	0.40	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
16	X1BROM	Bromoform	0.44	1	-0.03	0.00	1	0.00	0.00	0.00	-0.03
16	X1BROM	Bromoform	0.50	8	0.00	0.13	10	-0.20	-0.03	0.02	0.45
16	X1BROM	Bromoform	0.54	2	-0.04	0.06	2	0.00	-0.08	0.00	0.00
16	X1BROM	Bromoform	0.59	4	-0.03	0.21	4	-0.32	-0.04	0.07	0.16
16	X1BROM	Bromoform	0.63	3	-0.07	0.02	5	-0.09	-0.06	-0.05	0.05
16	X1BROM	Bromoform	0.68	1	-0.03	0.00	1	0.00	0.00	0.00	-0.03
16	X1BROM	Bromoform	0.78	2	-0.19	0.04	2	0.00	-0.22	0.00	-0.16
16	X1BROM	Bromoform	0.80	1	-0.23	0.00	1	0.00	0.00	0.00	-0.23
16	X1BROM	Bromoform	0.81	8	-0.07	0.07	8	-0.14	-0.10	-0.03	0.00
16	X1BROM	Bromoform	0.92	3	-0.23	0.04	3	0.00	-0.27	-0.24	-0.19
16	X1BROM	Bromoform	0.95	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
16	X1BROM	Bromoform	1.08	6	-0.08	0.13	6	-0.24	-0.15	0.02	0.07
16	X1BROM	Bromoform	1.14	2	0.04	0.13	2	0.00	-0.05	0.00	0.14
16	X1BROM	Bromoform	1.35	65	0.14	0.21	68	-0.03	0.16	0.30	1.16
16	X1BROM	Bromoform	1.42	1	-0.96	0.00	1	0.00	0.00	0.00	-0.96
16	X1BROM	Bromoform	1.51	8	-0.42	0.44	8	-1.00	-0.35	-0.08	0.05

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1BROM	Bromoform	1.70	21	0.07	0.39	22	-0.32	0.14	0.30	5.03
16	X1BROM	Bromoform	1.71	2	-0.75	0.23	2	0.00	-0.91	0.00	-0.58
16	X1BROM	Bromoform	1.71	3	-0.78	0.09	3	0.00	-0.85	-0.82	-0.68
16	X1BROM	Bromoform	1.89	2	0.07	0.55	2	0.00	-0.32	0.00	0.46
16	X1BROM	Bromoform	1.97	3	0.00	0.40	3	0.00	-0.46	0.19	0.27
16	X1BROM	Bromoform	2.24	1	-0.22	0.00	1	0.00	0.00	0.00	-0.22
16	X1BROM	Bromoform	2.43	1	-0.86	0.00	1	0.00	0.00	0.00	-0.86
16	X1BROM	Bromoform	2.70	52	-0.56	0.52	53	-1.03	-0.70	-0.16	0.49
16	X1BROM	Bromoform	2.84	1	-2.71	0.00	1	0.00	0.00	0.00	-2.71
16	X1BROM	Bromoform	3.08	1	0.38	0.00	1	0.00	0.00	0.00	0.38
16	X1BROM	Bromoform	3.14	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
16	X1BROM	Bromoform	3.22	3	-0.90	0.42	4	-1.24	-1.03	-0.43	0.38
16	X1BROM	Bromoform	4.54	30	-0.27	0.22	34	-0.49	-0.22	-0.11	4.65
16	X1BROM	Bromoform	5.41	114	0.01	0.31	131	-0.27	0.00	0.27	1.08
16	X1BROM	Bromoform	5.46	1	0.32	0.00	1	0.00	0.00	0.00	0.32
16	X1BROM	Bromoform	5.95	4	-1.39	0.40	4	-1.89	-1.38	-1.38	-0.92
16	X1BROM	Bromoform	5.97	1	-0.84	0.00	1	0.00	0.00	0.00	-0.84
16	X1BROM	Bromoform	6.11	14	-0.62	0.37	14	-1.00	-0.54	-0.43	-0.08
16	X1BROM	Bromoform	6.35	3	-0.68	0.08	5	-0.76	-0.68	-0.60	-0.19
16	X1BROM	Bromoform	6.76	1	-6.68	0.00	1	0.00	0.00	0.00	-6.68

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1BROM	Bromoform	8.38	3	-2.78	3.83	3	0.00	-7.05	-1.65	0.35
16	X1BROM	Bromoform	8.65	1	-0.54	0.00	1	0.00	0.00	0.00	-0.54
16	X1BROM	Bromoform	8.97	2	0.22	0.38	2	0.00	-0.05	0.00	0.49
16	X1BROM	Bromoform	8.98	2	-4.88	5.68	2	0.00	-8.90	0.00	-0.87
16	X1BROM	Bromoform	10.81	9	-0.67	0.40	10	-1.22	-0.81	-0.54	-0.05
16	X1BROM	Bromoform	13.51	6	3.45	1.65	9	1.03	3.51	4.19	18.92
16	X1BROM	Bromoform	27.03	3	4.41	1.72	3	0.00	2.43	5.41	5.41
16	X1BROM	Bromoform	54.05	4	-10.41	4.39	4	-16.27	-10.80	-8.61	-5.94
16	X1CDBM	Dibromochloromethane	0.55	3	-0.12	0.01	5	-0.13	-0.11	-0.11	-0.02
16	X1CDBM	Dibromochloromethane	0.73	1	0.27	0.00	1	0.00	0.00	0.00	0.27
16	X1CDBM	Dibromochloromethane	0.91	1	0.04	0.00	1	0.00	0.00	0.00	0.04
16	X1CDBM	Dibromochloromethane	0.98	1	0.22	0.00	1	0.00	0.00	0.00	0.22
16	X1CDBM	Dibromochloromethane	1.69	9	0.09	0.59	10	-0.27	-0.14	0.62	1.25
16	X1CDBM	Dibromochloromethane	1.82	2	-0.18	0.12	2	0.00	-0.26	0.00	-0.09
16	X1CDBM	Dibromochloromethane	1.97	4	-0.24	0.54	4	-0.97	-0.29	0.06	0.25
16	X1CDBM	Dibromochloromethane	2.09	1	-0.82	0.00	1	0.00	0.00	0.00	-0.82
16	X1CDBM	Dibromochloromethane	2.11	5	-0.07	0.16	5	-0.27	-0.16	-0.07	0.14
16	X1CDBM	Dibromochloromethane	2.27	1	-0.46	0.00	1	0.00	0.00	0.00	-0.46
16	X1CDBM	Dibromochloromethane	2.36	2	-0.55	0.39	2	0.00	-0.82	0.00	-0.27
16	X1CDBM	Dibromochloromethane	2.73	7	-0.55	0.17	8	-0.73	-0.55	-0.36	0.18

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CDBM	Dibromochloromethane	3.09	4	0.08	2.61	4	-2.88	-0.36	0.09	3.46
16	X1CDBM	Dibromochloromethane	3.12	1	-2.26	0.00	1	0.00	0.00	0.00	-2.26
16	X1CDBM	Dibromochloromethane	3.64	6	-0.12	0.39	6	-0.62	-0.31	0.20	0.23
16	X1CDBM	Dibromochloromethane	3.82	2	-0.36	0.00	2	0.00	-0.36	0.00	-0.36
16	X1CDBM	Dibromochloromethane	4.55	72	0.41	0.60	76	-0.09	0.55	0.91	4.55
16	X1CDBM	Dibromochloromethane	4.64	2	-3.09	1.67	2	0.00	-4.27	0.00	-1.91
16	X1CDBM	Dibromochloromethane	4.73	25	-0.24	0.21	26	-0.36	-0.27	-0.09	6.18
16	X1CDBM	Dibromochloromethane	4.87	1	-2.52	0.00	1	0.00	0.00	0.00	-2.52
16	X1CDBM	Dibromochloromethane	5.09	6	-1.35	1.31	6	-3.36	-1.55	-1.46	0.18
16	X1CDBM	Dibromochloromethane	5.73	18	0.41	0.77	22	-0.91	0.46	0.64	3.00
16	X1CDBM	Dibromochloromethane	5.85	4	-1.86	0.75	5	-2.88	-1.91	-1.45	4.98
16	X1CDBM	Dibromochloromethane	6.36	2	0.27	1.29	2	0.00	-0.64	0.00	1.18
16	X1CDBM	Dibromochloromethane	6.64	3	0.52	2.23	3	0.00	-1.73	0.55	2.73
16	X1CDBM	Dibromochloromethane	7.36	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
16	X1CDBM	Dibromochloromethane	7.82	3	-2.61	0.50	4	-3.09	-2.64	-2.09	1.82
16	X1CDBM	Dibromochloromethane	9.09	48	-1.20	1.12	53	-2.18	-1.18	-0.46	5.64
16	X1CDBM	Dibromochloromethane	9.55	1	-9.33	0.00	1	0.00	0.00	0.00	-9.33
16	X1CDBM	Dibromochloromethane	10.36	1	1.18	0.00	1	0.00	0.00	0.00	1.18
16	X1CDBM	Dibromochloromethane	10.55	1	0.46	0.00	1	0.00	0.00	0.00	0.46
16	X1CDBM	Dibromochloromethane	13.64	1	-5.29	0.00	1	0.00	0.00	0.00	-5.29

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CDBM	Dibromochloromethane	18.18	117	0.09	1.27	127	-0.91	0.00	0.91	6.18
16	X1CDBM	Dibromochloromethane	18.45	1	-0.18	0.00	1	0.00	0.00	0.00	-0.18
16	X1CDBM	Dibromochloromethane	18.55	1	2.00	0.00	1	0.00	0.00	0.00	2.00
16	X1CDBM	Dibromochloromethane	20.00	2	-3.95	4.56	2	0.00	-7.18	0.00	-0.73
16	X1CDBM	Dibromochloromethane	20.91	5	0.55	1.18	6	-0.73	0.00	1.46	22.74
16	X1CDBM	Dibromochloromethane	21.45	4	-2.73	1.67	4	-5.09	-2.73	-1.55	-1.55
16	X1CDBM	Dibromochloromethane	21.55	4	-2.66	0.47	5	-3.09	-3.00	-2.46	-1.46
16	X1CDBM	Dibromochloromethane	22.00	7	-1.01	1.72	7	-2.82	-2.18	0.36	1.00
16	X1CDBM	Dibromochloromethane	23.25	3	-2.65	4.10	3	0.00	-6.89	-2.35	1.29
16	X1CDBM	Dibromochloromethane	23.27	1	3.09	0.00	1	0.00	0.00	0.00	3.09
16	X1CDBM	Dibromochloromethane	23.64	2	-8.73	12.34	2	0.00	-17.46	0.00	0.00
16	X1CDBM	Dibromochloromethane	36.36	10	-2.81	2.41	10	-4.91	-3.64	-0.91	-0.13
16	X1CDBM	Dibromochloromethane	45.45	8	4.14	2.32	10	2.73	4.55	6.36	11.82
16	X1CDBM	Dibromochloromethane	90.91	5	0.09	3.52	6	-3.46	-1.82	3.82	16.36
16	X1CHLM	Chloromethane	0.01	1	4.32	0.00	1	0.00	0.00	0.00	4.32
16	X1CHLM	Chloromethane	0.07	3	0.39	0.29	3	0.00	0.05	0.55	0.55
16	X1CHLM	Chloromethane	0.14	2	0.46	0.38	2	0.00	0.19	0.00	0.73
16	X1CHLM	Chloromethane	0.27	3	0.35	0.00	4	0.35	0.35	0.35	2.19
16	X1CHLM	Chloromethane	0.50	8	-0.04	0.08	10	-0.20	-0.03	0.00	0.30
16	X1CHLM	Chloromethane	0.54	1	-0.07	0.00	1	0.00	0.00	0.00	-0.07

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CHLM	Chloromethane	0.63	5	-0.08	0.16	5	-0.34	-0.10	-0.07	0.06
16	X1CHLM	Chloromethane	0.73	4	0.08	0.33	5	-0.24	-0.14	0.24	0.65
16	X1CHLM	Chloromethane	0.88	4	2.36	2.48	4	0.12	0.39	3.85	5.07
16	X1CHLM	Chloromethane	1.01	1	4.93	0.00	1	0.00	0.00	0.00	4.93
16	X1CHLM	Chloromethane	1.22	7	-0.58	0.35	8	-0.73	-0.63	-0.32	0.00
16	X1CHLM	Chloromethane	1.32	1	-0.68	0.00	1	0.00	0.00	0.00	-0.68
16	X1CHLM	Chloromethane	1.35	2	-0.68	0.65	2	0.00	-1.14	0.00	-0.22
16	X1CHLM	Chloromethane	1.41	2	0.93	2.43	2	0.00	-0.78	0.00	2.65
16	X1CHLM	Chloromethane	1.51	5	-0.74	0.29	6	-1.19	-0.68	-0.65	2.92
16	X1CHLM	Chloromethane	1.89	2	-0.99	0.40	2	0.00	-1.27	0.00	-0.70
16	X1CHLM	Chloromethane	1.97	3	-1.62	0.12	3	0.00	-1.76	-1.57	-1.54
16	X1CHLM	Chloromethane	2.16	26	0.02	0.14	34	-0.14	0.05	0.11	3.24
16	X1CHLM	Chloromethane	2.27	3	-0.41	0.12	4	-0.51	-0.43	-0.27	1.30
16	X1CHLM	Chloromethane	2.54	21	-1.73	0.54	24	-2.18	-1.81	-1.14	4.81
16	X1CHLM	Chloromethane	2.70	80	0.08	0.61	81	-0.46	0.05	0.43	1.38
16	X1CHLM	Chloromethane	2.92	1	-2.49	0.00	1	0.00	0.00	0.00	-2.49
16	X1CHLM	Chloromethane	3.08	1	7.76	0.00	1	0.00	0.00	0.00	7.76
16	X1CHLM	Chloromethane	3.54	2	2.39	1.85	2	0.00	1.08	0.00	3.70
16	X1CHLM	Chloromethane	3.92	3	-1.13	0.98	4	-1.75	-1.63	0.00	1.41
16	X1CHLM	Chloromethane	4.05	1	-3.16	0.00	1	0.00	0.00	0.00	-3.16

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XICHLM	Chloromethane	5.08	1	-2.32	0.00	1	0.00	0.00	0.00	-2.32
16	XICHLM	Chloromethane	5.41	129	-0.71	1.02	138	-1.62	-0.81	0.00	6.49
16	XICHLM	Chloromethane	5.62	1	1.19	0.00	1	0.00	0.00	0.00	1.19
16	XICHLM	Chloromethane	6.51	1	-0.46	0.00	1	0.00	0.00	0.00	-0.46
16	XICHLM	Chloromethane	6.54	9	-1.39	0.88	12	-2.51	-1.76	-0.54	2.08
16	XICHLM	Chloromethane	6.57	3	-1.25	0.16	5	-1.43	-1.16	-1.16	0.00
16	XICHLM	Chloromethane	6.59	1	0.14	0.00	1	0.00	0.00	0.00	0.14
16	XICHLM	Chloromethane	6.73	5	-0.28	0.86	5	-1.46	-0.51	-0.41	0.87
16	XICHLM	Chloromethane	6.76	6	-3.46	2.12	6	-6.14	-4.54	-3.17	-0.30
16	XICHLM	Chloromethane	10.65	2	-0.01	0.36	2	0.00	-0.27	0.00	0.24
16	XICHLM	Chloromethane	10.81	10	-3.34	2.36	14	-4.60	-3.11	2.27	59.46
16	XICHLM	Chloromethane	12.57	1	-11.57	0.00	1	0.00	0.00	0.00	-11.57
16	XICHLM	Chloromethane	13.51	37	-1.08	3.69	41	-3.65	-1.89	1.89	8.38
16	XICHLM	Chloromethane	21.62	2	11.73	10.17	2	0.00	4.54	0.00	18.92
16	XICHLM	Chloromethane	27.03	2	4.73	0.19	2	0.00	4.60	0.00	4.87
16	XICHLM	Chloromethane	54.05	3	-49.64	2.98	4	-52.37	-50.08	-46.47	-31.51
16	XICHLO	Chloroform	0.77	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	XICHLO	Chloroform	0.86	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	XICHLO	Chloroform	0.94	3	-0.32	0.02	5	-0.34	-0.31	-0.31	-0.06
16	XICHLO	Chloroform	1.00	1	-0.34	0.00	1	0.00	0.00	0.00	-0.34

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CHLO	Chloroform	1.09	1	-0.37	0.00	1	0.00	0.00	0.00	-0.37
16	X1CHLO	Chloroform	1.11	1	-0.34	0.00	1	0.00	0.00	0.00	-0.34
16	X1CHLO	Chloroform	1.14	4	-0.06	0.15	4	-0.23	-0.11	0.00	0.11
16	X1CHLO	Chloroform	1.26	1	-0.09	0.00	1	0.00	0.00	0.00	-0.09
16	X1CHLO	Chloroform	1.30	1	-0.33	0.00	1	0.00	0.00	0.00	-0.33
16	X1CHLO	Chloroform	1.43	2	-0.26	0.08	2	0.00	-0.31	0.00	-0.20
16	X1CHLO	Chloroform	1.56	2	-0.57	0.14	2	0.00	-0.67	0.00	-0.47
16	X1CHLO	Chloroform	2.66	13	0.29	0.72	13	-0.27	-0.06	0.80	1.44
16	X1CHLO	Chloroform	2.86	2	0.58	0.03	2	0.00	0.56	0.00	0.60
16	X1CHLO	Chloroform	3.09	1	2.06	0.00	1	0.00	0.00	0.00	2.06
16	X1CHLO	Chloroform	3.10	4	-0.32	0.95	4	-1.50	-0.46	-0.11	0.79
16	X1CHLO	Chloroform	3.29	1	-0.29	0.00	1	0.00	0.00	0.00	-0.29
16	X1CHLO	Chloroform	3.31	10	-0.19	0.10	10	-0.33	-0.19	-0.17	-0.06
16	X1CHLO	Chloroform	3.43	2	-1.57	1.82	2	0.00	-2.86	0.00	-0.29
16	X1CHLO	Chloroform	3.57	2	0.86	1.41	2	0.00	-0.14	0.00	1.86
16	X1CHLO	Chloroform	4.29	9	-1.15	0.72	9	-2.33	-1.14	-0.70	-0.57
16	X1CHLO	Chloroform	4.86	3	-1.14	0.00	3	0.00	-1.14	-1.14	-1.14
16	X1CHLO	Chloroform	5.71	4	-1.20	0.30	6	-1.57	-1.17	-0.83	1.43
16	X1CHLO	Chloroform	6.00	2	-0.86	1.01	2	0.00	-1.57	0.00	-0.14
16	X1CHLO	Chloroform	6.71	2	8.93	8.18	2	0.00	3.14	0.00	14.71

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CHLO	Chloroform	6.86	32	-0.44	0.30	34	-0.71	-0.43	-0.14	10.29
16	X1CHLO	Chloroform	6.96	1	-2.63	0.00	1	0.00	0.00	0.00	-2.63
16	X1CHLO	Chloroform	7.14	66	0.39	0.69	68	-0.14	0.29	1.00	2.86
16	X1CHLO	Chloroform	7.29	2	-1.16	2.39	2	0.00	-2.86	0.00	0.53
16	X1CHLO	Chloroform	8.00	7	-2.86	1.30	7	-4.57	-3.57	-2.43	-1.00
16	X1CHLO	Chloroform	8.29	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
16	X1CHLO	Chloroform	8.34	7	-2.31	0.86	7	-3.49	-2.74	-2.04	-1.03
16	X1CHLO	Chloroform	9.00	20	-0.17	2.53	24	-2.71	0.57	2.00	19.57
16	X1CHLO	Chloroform	9.54	2	-1.26	3.03	2	0.00	-3.40	0.00	0.89
16	X1CHLO	Chloroform	9.57	1	6.14	0.00	1	0.00	0.00	0.00	6.14
16	X1CHLO	Chloroform	9.83	1	1.31	0.00	1	0.00	0.00	0.00	1.31
16	X1CHLO	Chloroform	10.00	2	-1.57	0.00	2	0.00	-1.57	0.00	-1.57
16	X1CHLO	Chloroform	10.43	3	-5.81	2.50	3	0.00	-8.57	-5.14	-3.71
16	X1CHLO	Chloroform	11.11	1	-6.57	0.00	1	0.00	0.00	0.00	-6.57
16	X1CHLO	Chloroform	12.43	9	-1.18	1.64	9	-2.86	-1.43	-0.43	1.29
16	X1CHLO	Chloroform	12.86	1	-4.86	0.00	1	0.00	0.00	0.00	-4.86
16	X1CHLO	Chloroform	14.29	53	0.12	1.18	64	-0.86	0.00	1.23	24.29
16	X1CHLO	Chloroform	14.57	1	-2.71	0.00	1	0.00	0.00	0.00	-2.71
16	X1CHLO	Chloroform	15.00	1	-14.21	0.00	1	0.00	0.00	0.00	-14.21
16	X1CHLO	Chloroform	16.29	1	1.29	0.00	1	0.00	0.00	0.00	1.29

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CHLO	Chloroform	16.57	1	-0.29	0.00	1	0.00	0.00	0.00	-0.29
16	X1CHLO	Chloroform	21.43	1	-9.49	0.00	1	0.00	0.00	0.00	-9.49
16	X1CHLO	Chloroform	25.71	2	-2.93	2.93	2	0.00	-5.00	0.00	-0.86
16	X1CHLO	Chloroform	27.14	3	7.81	16.07	3	0.00	-8.14	7.57	24.00
16	X1CHLO	Chloroform	28.57	107	-1.12	1.99	132	-2.86	-1.43	0.00	18.57
16	X1CHLO	Chloroform	29.43	1	6.00	0.00	1	0.00	0.00	0.00	6.00
16	X1CHLO	Chloroform	30.57	3	3.05	0.66	5	2.29	3.43	3.43	7.43
16	X1CHLO	Chloroform	30.71	1	7.29	0.00	1	0.00	0.00	0.00	7.29
16	X1CHLO	Chloroform	31.29	11	1.23	2.42	13	-2.00	0.29	1.71	5.14
16	X1CHLO	Chloroform	33.57	3	1.48	1.00	5	0.43	1.57	2.43	17.00
16	X1CHLO	Chloroform	34.29	2	-0.29	3.64	2	0.00	-2.86	0.00	2.29
16	X1CHLO	Chloroform	42.86	1	-2.86	0.00	1	0.00	0.00	0.00	-2.86
16	X1CHLO	Chloroform	57.14	9	-1.48	1.99	10	-4.43	-1.43	-0.86	1.43
16	X1CHLO	Chloroform	71.43	9	3.76	6.16	10	-7.14	1.43	7.14	12.14
16	X1CHLO	Chloroform	142.86	4	70.55	19.77	4	41.29	76.39	80.31	84.20
16	X1CHLO	Chloroform	9,000.00	1	-8989.00	0.00	1	0.00	0.00	0.00	-8989.00
16	X1CTET	Carbon tetrachloride	0.46	5	-0.12	0.03	5	-0.15	-0.12	-0.12	-0.08
16	X1CTET	Carbon tetrachloride	0.58	1	0.03	0.00	1	0.00	0.00	0.00	0.03
16	X1CTET	Carbon tetrachloride	0.62	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
16	X1CTET	Carbon tetrachloride	0.63	1	-0.06	0.00	1	0.00	0.00	0.00	-0.06

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CTET	Carbon tetrachloride	1.08	2	0.54	0.44	2	0.00	0.23	0.00	0.85
16	X1CTET	Carbon tetrachloride	1.43	12	0.01	0.41	13	-0.34	-0.13	0.34	1.28
16	X1CTET	Carbon tetrachloride	1.54	2	-0.08	0.18	2	0.00	-0.21	0.00	0.05
16	X1CTET	Carbon tetrachloride	1.67	4	-1.18	0.15	4	-1.36	-1.25	-1.07	-1.05
16	X1CTET	Carbon tetrachloride	1.77	1	-1.54	0.00	1	0.00	0.00	0.00	-1.54
16	X1CTET	Carbon tetrachloride	1.78	10	-0.16	0.13	10	-0.29	-0.20	-0.12	0.02
16	X1CTET	Carbon tetrachloride	1.88	1	-0.42	0.00	1	0.00	0.00	0.00	-0.42
16	X1CTET	Carbon tetrachloride	1.92	2	-0.75	0.84	2	0.00	-1.35	0.00	-0.15
16	X1CTET	Carbon tetrachloride	2.31	6	-0.56	0.17	8	-0.86	-0.52	-0.46	0.23
16	X1CTET	Carbon tetrachloride	2.62	3	-1.28	0.50	3	0.00	-1.77	-1.31	-0.77
16	X1CTET	Carbon tetrachloride	3.08	3	-1.73	0.48	5	-2.12	-1.89	-1.19	2314.62
16	X1CTET	Carbon tetrachloride	3.23	2	2.50	0.05	2	0.00	2.46	0.00	2.54
16	X1CTET	Carbon tetrachloride	3.31	2	-0.39	1.52	2	0.00	-1.46	0.00	0.69
16	X1CTET	Carbon tetrachloride	3.85	66	0.10	0.60	69	-0.46	0.15	0.54	2.31
16	X1CTET	Carbon tetrachloride	3.92	2	-0.89	1.13	2	0.00	-1.69	0.00	-0.09
16	X1CTET	Carbon tetrachloride	4.02	1	-2.94	0.00	1	0.00	0.00	0.00	-2.94
16	X1CTET	Carbon tetrachloride	4.31	7	-2.00	0.74	7	-2.92	-2.39	-1.77	-0.85
16	X1CTET	Carbon tetrachloride	4.46	1	0.54	0.00	1	0.00	0.00	0.00	0.54
16	X1CTET	Carbon tetrachloride	4.82	7	-1.64	0.49	7	-2.46	-1.64	-1.48	-0.99
16	X1CTET	Carbon tetrachloride	4.85	18	0.96	1.00	22	-0.39	1.00	1.68	5.54

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1CTET	Carbon tetrachloride	5.31	1	-2.54	0.00	1	0.00	0.00	0.00	-2.54
16	X1CTET	Carbon tetrachloride	5.38	2	-2.12	0.27	2	0.00	-2.31	0.00	-1.92
16	X1CTET	Carbon tetrachloride	5.62	3	-2.56	1.31	3	0.00	-3.92	-2.46	-1.31
16	X1CTET	Carbon tetrachloride	6.44	1	-3.65	0.00	1	0.00	0.00	0.00	-3.65
16	X1CTET	Carbon tetrachloride	6.92	1	-4.75	0.00	1	0.00	0.00	0.00	-4.75
16	X1CTET	Carbon tetrachloride	7.69	44	-0.21	0.77	53	-1.17	-0.15	0.15	4.82
16	X1CTET	Carbon tetrachloride	8.08	1	-7.36	0.00	1	0.00	0.00	0.00	-7.36
16	X1CTET	Carbon tetrachloride	8.46	32	0.22	0.66	34	-0.31	0.31	0.77	26.15
16	X1CTET	Carbon tetrachloride	8.77	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X1CTET	Carbon tetrachloride	8.92	1	-1.31	0.00	1	0.00	0.00	0.00	-1.31
16	X1CTET	Carbon tetrachloride	11.65	3	-1.40	1.60	3	0.00	-3.19	-0.89	-0.12
16	X1CTET	Carbon tetrachloride	11.69	1	2.15	0.00	1	0.00	0.00	0.00	2.15
16	X1CTET	Carbon tetrachloride	15.38	123	-0.46	1.72	132	-2.31	-0.77	0.77	7.00
16	X1CTET	Carbon tetrachloride	15.69	3	-4.28	0.85	4	-4.85	-4.69	-3.31	-1.39
16	X1CTET	Carbon tetrachloride	15.77	1	3.69	0.00	1	0.00	0.00	0.00	3.69
16	X1CTET	Carbon tetrachloride	16.92	5	-0.66	2.05	5	-3.85	-0.77	-0.62	1.77
16	X1CTET	Carbon tetrachloride	17.00	1	0.85	0.00	1	0.00	0.00	0.00	0.85
16	X1CTET	Carbon tetrachloride	17.38	13	-0.72	1.63	14	-3.23	-0.31	-0.15	2.54
16	X1CTET	Carbon tetrachloride	18.31	5	-0.97	1.57	5	-2.69	-2.54	-0.46	0.77
16	X1CTET	Carbon tetrachloride	18.46	6	-4.74	4.23	6	-12.31	-4.62	-4.62	-0.39

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XICTET	Carbon tetrachloride	20.00	1	-19.77	0.00	1	0.00	0.00	0.00	-19.77
16	XICTET	Carbon tetrachloride	23.08	1	-16.94	0.00	1	0.00	0.00	0.00	-16.94
16	XICTET	Carbon tetrachloride	30.77	4	-8.65	2.56	4	-11.69	-9.54	-7.69	-5.69
16	XICTET	Carbon tetrachloride	38.46	8	6.70	3.41	10	3.08	5.39	8.46	17.39
16	XICTET	Carbon tetrachloride	46.15	4	18.75	18.64	4	-8.97	25.83	26.65	31.48
16	XICTET	Carbon tetrachloride	76.92	2	26.54	26.65	2	0.00	7.69	0.00	45.39
16	XIDCLM	Methylene chloride	0.46	3	-0.20	0.03	5	-0.23	-0.19	-0.19	-0.08
16	XIDCLM	Methylene chloride	0.65	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
16	XIDCLM	Methylene chloride	0.69	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
16	XIDCLM	Methylene chloride	0.77	1	-0.50	0.00	1	0.00	0.00	0.00	-0.50
16	XIDCLM	Methylene chloride	1.38	2	0.23	0.00	2	0.00	0.23	0.00	0.23
16	XIDCLM	Methylene chloride	1.43	9	0.19	0.90	12	-0.29	0.30	1.59	44.72
16	XIDCLM	Methylene chloride	1.54	2	0.20	0.03	2	0.00	0.18	0.00	0.22
16	XIDCLM	Methylene chloride	1.67	4	6.87	5.72	4	-0.29	7.02	7.02	13.72
16	XIDCLM	Methylene chloride	1.78	9	1.34	2.70	10	-0.75	-0.15	4.09	19.74
16	XIDCLM	Methylene chloride	1.92	2	-0.19	0.82	2	0.00	-0.77	0.00	0.39
16	XIDCLM	Methylene chloride	2.18	1	3.05	0.00	1	0.00	0.00	0.00	3.05
16	XIDCLM	Methylene chloride	2.31	8	-1.03	0.80	8	-1.69	-0.96	-0.77	0.19
16	XIDCLM	Methylene chloride	2.54	2	-2.31	0.00	2	0.00	-2.31	0.00	-2.31
16	XIDCLM	Methylene chloride	2.62	3	-0.36	1.30	3	0.00	-1.85	0.23	0.54

Results expressed as the ratio: (result-expected)/RMDI.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1DCLM	Methylene chloride	3.08	5	-0.21	0.57	6	-0.89	-0.19	-0.12	26.35
16	X1DCLM	Methylene chloride	3.23	2	22.65	35.20	2	0.00	-2.25	0.00	47.54
16	X1DCLM	Methylene chloride	3.53	1	1.39	0.00	1	0.00	0.00	0.00	1.39
16	X1DCLM	Methylene chloride	3.85	87	-0.26	0.99	102	-1.08	-0.23	0.46	7.54
16	X1DCLM	Methylene chloride	4.24	3	-1.49	0.03	5	-1.52	-1.48	-1.47	0.50
16	X1DCLM	Methylene chloride	4.31	6	-1.50	1.53	6	-3.85	-1.77	-1.15	0.69
16	X1DCLM	Methylene chloride	4.85	19	1.81	3.30	22	-1.15	2.62	4.54	41.31
16	X1DCLM	Methylene chloride	5.38	2	-0.89	0.05	2	0.00	-0.92	0.00	-0.85
16	X1DCLM	Methylene chloride	5.62	3	-0.21	3.72	3	0.00	-3.46	-1.00	3.85
16	X1DCLM	Methylene chloride	5.92	4	-1.23	1.58	4	-3.23	-1.54	-0.69	0.54
16	X1DCLM	Methylene chloride	7.69	44	-0.96	1.13	53	-1.69	-0.85	0.15	24.31
16	X1DCLM	Methylene chloride	8.08	1	-6.46	0.00	1	0.00	0.00	0.00	-6.46
16	X1DCLM	Methylene chloride	8.46	1	-2.69	0.00	1	0.00	0.00	0.00	-2.69
16	X1DCLM	Methylene chloride	8.77	1	-1.31	0.00	1	0.00	0.00	0.00	-1.31
16	X1DCLM	Methylene chloride	8.92	1	-1.39	0.00	1	0.00	0.00	0.00	-1.39
16	X1DCLM	Methylene chloride	11.29	2	-8.60	3.48	2	0.00	-11.06	0.00	-6.14
16	X1DCLM	Methylene chloride	11.31	2	-3.42	0.82	2	0.00	-4.00	0.00	-2.85
16	X1DCLM	Methylene chloride	12.31	1	-2.31	0.00	1	0.00	0.00	0.00	-2.31
16	X1DCLM	Methylene chloride	13.08	1	15.23	0.00	1	0.00	0.00	0.00	15.23
16	X1DCLM	Methylene chloride	15.38	121	-2.12	2.06	134	-3.85	-2.31	-0.77	45.39

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1DCLM	Methylene chloride	15.54	1	4.46	0.00	1	0.00	0.00	0.00	4.46
16	X1DCLM	Methylene chloride	16.15	3	4.99	12.15	3	0.00	-7.80	6.39	16.39
16	X1DCLM	Methylene chloride	16.92	1	-6.77	0.00	1	0.00	0.00	0.00	-6.77
16	X1DCLM	Methylene chloride	17.31	4	-0.21	2.22	4	-2.46	-1.77	1.69	1.69
16	X1DCLM	Methylene chloride	17.38	1	-0.92	0.00	1	0.00	0.00	0.00	-0.92
16	X1DCLM	Methylene chloride	17.69	13	0.40	1.41	13	-0.69	0.46	1.23	1.85
16	X1DCLM	Methylene chloride	17.85	1	1.08	0.00	1	0.00	0.00	0.00	1.08
16	X1DCLM	Methylene chloride	18.08	5	-0.08	0.88	5	-1.62	0.08	0.23	0.54
16	X1DCLM	Methylene chloride	30.77	4	0.85	1.83	4	-1.23	0.00	1.69	2.92
16	X1DCLM	Methylene chloride	34.62	1	138.46	0.00	1	0.00	0.00	0.00	138.46
16	X1DCLM	Methylene chloride	38.46	10	3.89	4.20	12	-2.31	2.31	5.39	10.00
16	X1DCLM	Methylene chloride	92.31	4	-60.77	0.00	6	-60.77	-60.77	-60.77	-0.39
16	X1DCLM	Methylene chloride	230.77	4	152.76	114.65	4	-0.26	131.48	226.32	253.52
16	X1T12D	Trans-1,2-Dichloroethylene	0.43	4	-0.14	0.02	5	-0.17	-0.14	-0.13	-0.07
16	X1T12D	Trans-1,2-Dichloroethylene	0.60	1	0.07	0.00	1	0.00	0.00	0.00	0.07
16	X1T12D	Trans-1,2-Dichloroethylene	0.61	1	0.10	0.00	1	0.00	0.00	0.00	0.10
16	X1T12D	Trans-1,2-Dichloroethylene	0.70	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
16	X1T12D	Trans-1,2-Dichloroethylene	1.33	8	-0.04	0.36	9	-0.44	-0.11	0.00	0.99
16	X1T12D	Trans-1,2-Dichloroethylene	1.43	2	-0.25	0.05	2	0.00	-0.29	0.00	-0.21
16	X1T12D	Trans-1,2-Dichloroethylene	1.57	1	-1.29	0.00	1	0.00	0.00	0.00	-1.29

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1T12D	Trans-1,2-Dichloroethylene	1.64	3	0.57	1.26	3	0.00	-0.36	0.07	2.00
16	X1T12D	Trans-1,2-Dichloroethylene	1.66	5	-0.17	0.05	5	-0.24	-0.21	-0.17	-0.12
16	X1T12D	Trans-1,2-Dichloroethylene	1.71	1	-1.43	0.00	1	0.00	0.00	0.00	-1.43
16	X1T12D	Trans-1,2-Dichloroethylene	1.79	3	-1.15	0.26	4	-1.41	-1.13	-0.89	0.20
16	X1T12D	Trans-1,2-Dichloroethylene	2.07	1	1.21	0.00	1	0.00	0.00	0.00	1.21
16	X1T12D	Trans-1,2-Dichloroethylene	2.43	1	0.93	0.00	1	0.00	0.00	0.00	0.93
16	X1T12D	Trans-1,2-Dichloroethylene	2.46	7	-0.57	0.18	7	-0.80	-0.68	-0.46	-0.28
16	X1T12D	Trans-1,2-Dichloroethylene	2.79	3	-0.93	0.25	3	0.00	-1.07	-1.07	-0.64
16	X1T12D	Trans-1,2-Dichloroethylene	2.86	6	-0.72	0.34	6	-1.24	-0.68	-0.57	-0.28
16	X1T12D	Trans-1,2-Dichloroethylene	3.44	1	-0.78	0.00	1	0.00	0.00	0.00	-0.78
16	X1T12D	Trans-1,2-Dichloroethylene	3.57	52	0.07	0.48	59	-0.29	0.07	0.50	2.14
16	X1T12D	Trans-1,2-Dichloroethylene	3.71	2	-3.20	0.19	2	0.00	-3.34	0.00	-3.06
16	X1T12D	Trans-1,2-Dichloroethylene	4.00	6	-2.13	0.74	6	-3.29	-2.07	-1.93	-1.07
16	X1T12D	Trans-1,2-Dichloroethylene	4.12	4	-1.29	0.59	5	-1.80	-1.76	-0.96	-0.19
16	X1T12D	Trans-1,2-Dichloroethylene	4.29	1	14.86	0.00	1	0.00	0.00	0.00	14.86
16	X1T12D	Trans-1,2-Dichloroethylene	4.43	8	-0.12	0.35	9	-0.57	-0.07	0.07	1.00
16	X1T12D	Trans-1,2-Dichloroethylene	5.00	2	-2.61	0.15	2	0.00	-2.71	0.00	-2.50
16	X1T12D	Trans-1,2-Dichloroethylene	5.14	20	-0.47	1.98	24	-1.57	-0.21	1.29	10.57
16	X1T12D	Trans-1,2-Dichloroethylene	5.21	3	-2.10	1.30	3	0.00	-3.14	-2.50	-0.64
16	X1T12D	Trans-1,2-Dichloroethylene	5.93	4	-1.89	0.64	5	-2.71	-2.00	-1.64	2.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quantiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XIT12D	Trans-1,2-Dichloroethylene	6.43	32	-0.29	0.34	35	-0.64	-0.36	-0.07	0.43
16	XIT12D	Trans-1,2-Dichloroethylene	7.14	40	-0.18	0.45	52	-0.50	-0.07	0.29	17.43
16	XIT12D	Trans-1,2-Dichloroethylene	8.14	3	-4.31	3.93	3	0.00	-6.93	-6.21	0.21
16	XIT12D	Trans-1,2-Dichloroethylene	8.15	2	-6.65	0.61	2	0.00	-7.08	0.00	-6.22
16	XIT12D	Trans-1,2-Dichloroethylene	8.29	1	-2.43	0.00	1	0.00	0.00	0.00	-2.43
16	XIT12D	Trans-1,2-Dichloroethylene	8.57	1	-8.43	0.00	1	0.00	0.00	0.00	-8.43
16	XIT12D	Trans-1,2-Dichloroethylene	10.71	1	-5.57	0.00	1	0.00	0.00	0.00	-5.57
16	XIT12D	Trans-1,2-Dichloroethylene	12.14	3	16.88	20.08	3	0.00	-2.86	16.21	37.28
16	XIT12D	Trans-1,2-Dichloroethylene	14.29	101	-0.02	0.84	128	-0.71	0.00	0.71	22.64
16	XIT12D	Trans-1,2-Dichloroethylene	14.86	1	1.21	0.00	1	0.00	0.00	0.00	1.21
16	XIT12D	Trans-1,2-Dichloroethylene	15.93	4	-0.21	1.95	4	-2.43	-1.29	1.43	1.43
16	XIT12D	Trans-1,2-Dichloroethylene	16.00	1	-0.14	0.00	1	0.00	0.00	0.00	-0.14
16	XIT12D	Trans-1,2-Dichloroethylene	16.29	14	-0.02	2.30	14	-2.71	0.14	1.43	3.14
16	XIT12D	Trans-1,2-Dichloroethylene	17.14	6	2.05	2.82	6	-1.43	0.14	3.57	5.00
16	XIT12D	Trans-1,2-Dichloroethylene	17.29	3	-0.21	0.44	5	-0.50	-0.43	0.29	2.00
16	XIT12D	Trans-1,2-Dichloroethylene	20.00	1	-17.43	0.00	1	0.00	0.00	0.00	-17.43
16	XIT12D	Trans-1,2-Dichloroethylene	28.57	4	-4.54	1.55	4	-6.43	-5.14	-3.57	-3.00
16	XIT12D	Trans-1,2-Dichloroethylene	35.71	9	3.26	1.33	12	1.43	2.86	4.14	11.43
16	XIT12D	Trans-1,2-Dichloroethylene	42.86	4	31.26	21.42	4	-0.03	35.39	42.40	47.26
16	XITCFM	Trichlorofluoromethane	0.60	5	-0.20	0.07	5	-0.30	-0.20	-0.20	-0.10

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1TCFM	Trichlorofluoromethane	0.90	2	-0.10	0.00	2	0.00	-0.10	0.00	-0.10
16	X1TCFM	Trichlorofluoromethane	1.20	1	-0.40	0.00	1	0.00	0.00	0.00	-0.40
16	X1TCFM	Trichlorofluoromethane	1.86	10	0.27	0.45	13	-0.20	0.54	0.64	6.94
16	X1TCFM	Trichlorofluoromethane	2.00	2	-0.14	0.12	2	0.00	-0.22	0.00	-0.05
16	X1TCFM	Trichlorofluoromethane	2.32	10	-0.09	0.15	10	-0.27	-0.08	-0.03	0.12
16	X1TCFM	Trichlorofluoromethane	3.26	4	-1.95	0.89	4	-2.95	-2.41	-1.43	-1.01
16	X1TCFM	Trichlorofluoromethane	3.51	1	0.19	0.00	1	0.00	0.00	0.00	0.19
16	X1TCFM	Trichlorofluoromethane	3.75	1	-1.35	0.00	1	0.00	0.00	0.00	-1.35
16	X1TCFM	Trichlorofluoromethane	4.00	6	-0.81	0.79	6	-2.02	-1.07	-0.78	0.13
16	X1TCFM	Trichlorofluoromethane	4.20	2	-0.65	2.76	2	0.00	-2.60	0.00	1.30
16	X1TCFM	Trichlorofluoromethane	4.50	7	-1.16	0.37	8	-1.60	-1.20	-0.81	0.83
16	X1TCFM	Trichlorofluoromethane	4.90	1	-1.30	0.00	1	0.00	0.00	0.00	-1.30
16	X1TCFM	Trichlorofluoromethane	5.00	58	0.21	1.42	68	-0.90	0.20	1.40	8.20
16	X1TCFM	Trichlorofluoromethane	5.20	2	-2.75	2.48	2	0.00	-4.50	0.00	-1.00
16	X1TCFM	Trichlorofluoromethane	5.60	6	-3.37	0.90	6	-5.10	-3.30	-3.20	-2.60
16	X1TCFM	Trichlorofluoromethane	5.70	1	-4.20	0.00	1	0.00	0.00	0.00	-4.20
16	X1TCFM	Trichlorofluoromethane	6.20	2	0.40	2.40	2	0.00	-1.30	0.00	2.10
16	X1TCFM	Trichlorofluoromethane	7.00	2	-4.95	0.07	2	0.00	-5.00	0.00	-4.90
16	X1TCFM	Trichlorofluoromethane	7.30	3	-1.47	1.33	3	0.00	-3.00	-0.80	-0.60
16	X1TCFM	Trichlorofluoromethane	8.20	1	0.50	0.00	1	0.00	0.00	0.00	0.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1TCFM	Trichlorofluoromethane	8.40	3	-2.83	0.87	4	-3.80	-2.60	-2.10	9.20
16	X1TCFM	Trichlorofluoromethane	9.40	19	-6.53	2.76	23	-8.75	-7.59	-2.60	10.60
16	X1TCFM	Trichlorofluoromethane	9.42	2	-2.38	1.61	2	0.00	-3.52	0.00	-1.24
16	X1TCFM	Trichlorofluoromethane	10.00	39	-0.62	1.35	52	-1.64	-0.72	1.00	7.48
16	X1TCFM	Trichlorofluoromethane	11.40	1	-2.70	0.00	1	0.00	0.00	0.00	-2.70
16	X1TCFM	Trichlorofluoromethane	12.20	2	-1.85	2.33	2	0.00	-3.50	0.00	-0.20
16	X1TCFM	Trichlorofluoromethane	12.24	2	-3.49	0.78	2	0.00	-4.04	0.00	-2.94
16	X1TCFM	Trichlorofluoromethane	14.30	3	-6.97	0.41	4	-7.41	-6.90	-6.59	0.50
16	X1TCFM	Trichlorofluoromethane	14.90	1	-8.90	0.00	1	0.00	0.00	0.00	-8.90
16	X1TCFM	Trichlorofluoromethane	15.00	1	-8.82	0.00	1	0.00	0.00	0.00	-8.82
16	X1TCFM	Trichlorofluoromethane	15.70	1	-15.44	0.00	1	0.00	0.00	0.00	-15.44
16	X1TCFM	Trichlorofluoromethane	16.00	1	-12.70	0.00	1	0.00	0.00	0.00	-12.70
16	X1TCFM	Trichlorofluoromethane	17.00	1	36.70	0.00	1	0.00	0.00	0.00	36.70
16	X1TCFM	Trichlorofluoromethane	18.80	1	-5.80	0.00	1	0.00	0.00	0.00	-5.80
16	X1TCFM	Trichlorofluoromethane	20.00	105	-0.04	1.89	126	-2.00	0.00	1.00	19.00
16	X1TCFM	Trichlorofluoromethane	20.50	1	1.10	0.00	1	0.00	0.00	0.00	1.10
16	X1TCFM	Trichlorofluoromethane	21.00	31	2.04	3.16	34	-0.80	2.20	3.60	58.00
16	X1TCFM	Trichlorofluoromethane	23.60	4	-0.78	1.82	4	-2.40	-2.30	0.80	0.80
16	X1TCFM	Trichlorofluoromethane	23.70	1	-1.30	0.00	1	0.00	0.00	0.00	-1.30
16	X1TCFM	Trichlorofluoromethane	23.80	9	-0.47	2.72	12	-4.70	-1.40	0.40	9.10

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1TCFM	Trichlorofluoromethane	24.00	2	15.54	6.17	2	0.00	11.17	0.00	19.90
16	X1TCFM	Trichlorofluoromethane	24.20	7	1.33	2.60	7	-3.00	1.20	1.90	5.20
16	X1TCFM	Trichlorofluoromethane	31.00	1	1.00	0.00	1	0.00	0.00	0.00	1.00
16	X1TCFM	Trichlorofluoromethane	39.20	2	-0.80	0.42	2	0.00	-1.10	0.00	-0.50
16	X1TCFM	Trichlorofluoromethane	40.00	8	46.74	65.80	8	-12.00	-9.90	116.00	128.00
16	X1TCFM	Trichlorofluoromethane	46.50	1	7.10	0.00	1	0.00	0.00	0.00	7.10
16	X1TCFM	Trichlorofluoromethane	50.00	10	2.96	3.52	12	-1.00	2.00	5.00	13.00
16	X1TCFM	Trichlorofluoromethane	100.00	1	-33.90	0.00	1	0.00	0.00	0.00	-33.90
16	X1TCFM	Trichlorofluoromethane	200.00	4	-118.97	31.88	4	-165.22	-109.71	-108.85	-92.11
16	X1TETR	Tetrachloroethylene	0.55	5	-0.16	0.06	5	-0.23	-0.23	-0.14	-0.09
16	X1TETR	Tetrachloroethylene	0.68	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
16	X1TETR	Tetrachloroethylene	0.73	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X1TETR	Tetrachloroethylene	0.82	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
16	X1TETR	Tetrachloroethylene	1.69	10	0.05	0.43	10	-0.33	-0.12	0.28	0.64
16	X1TETR	Tetrachloroethylene	1.82	2	-0.30	0.14	2	0.00	-0.39	0.00	-0.20
16	X1TETR	Tetrachloroethylene	1.97	3	-0.70	0.34	4	-1.09	-0.54	-0.48	1.07
16	X1TETR	Tetrachloroethylene	2.09	1	3.00	0.00	1	0.00	0.00	0.00	3.00
16	X1TETR	Tetrachloroethylene	2.11	4	-0.27	0.14	5	-0.44	-0.30	-0.26	-0.02
16	X1TETR	Tetrachloroethylene	2.27	3	-0.37	0.32	3	0.00	-0.56	-0.55	0.00
16	X1TETR	Tetrachloroethylene	2.73	8	-0.19	0.46	8	-0.75	-0.27	0.11	0.36

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1TEIR	Tetrachloroethylene	2.85	1	-0.31	0.00	1	0.00	0.00	0.00	-0.31
16	X1TEIR	Tetrachloroethylene	3.09	3	-1.76	1.00	3	0.00	-2.90	-1.27	-1.09
16	X1TEIR	Tetrachloroethylene	3.36	1	0.73	0.00	1	0.00	0.00	0.00	0.73
16	X1TEIR	Tetrachloroethylene	3.64	6	-1.04	0.47	6	-1.94	-0.96	-0.87	-0.55
16	X1TEIR	Tetrachloroethylene	3.82	2	-0.59	0.58	2	0.00	-1.00	0.00	-0.18
16	X1TEIR	Tetrachloroethylene	4.30	1	-3.20	0.00	1	0.00	0.00	0.00	-3.20
16	X1TEIR	Tetrachloroethylene	4.45	2	-0.41	2.38	2	0.00	-2.09	0.00	1.27
16	X1TEIR	Tetrachloroethylene	4.55	62	0.14	0.53	68	-0.18	0.09	0.64	7.09
16	X1TEIR	Tetrachloroethylene	5.09	6	-2.18	0.69	6	-3.18	-2.18	-2.00	-1.27
16	X1TEIR	Tetrachloroethylene	5.16	4	-2.85	0.97	5	-4.04	-3.08	-2.53	-0.71
16	X1TEIR	Tetrachloroethylene	5.73	22	-0.44	1.52	22	-2.18	-0.27	0.55	1.64
16	X1TEIR	Tetrachloroethylene	6.00	32	-0.24	0.28	34	-0.46	-0.18	0.00	11.27
16	X1TEIR	Tetrachloroethylene	6.36	2	-1.86	0.19	2	0.00	-2.00	0.00	-1.73
16	X1TEIR	Tetrachloroethylene	6.55	1	-2.46	0.00	1	0.00	0.00	0.00	-2.46
16	X1TEIR	Tetrachloroethylene	6.64	3	-0.49	0.68	3	0.00	-1.18	-0.46	0.18
16	X1TEIR	Tetrachloroethylene	8.18	1	-4.36	0.00	1	0.00	0.00	0.00	-4.36
16	X1TEIR	Tetrachloroethylene	8.36	3	-2.52	0.86	4	-3.18	-2.82	-1.55	3.00
16	X1TEIR	Tetrachloroethylene	9.09	49	-0.49	0.99	53	-1.27	-0.55	0.18	3.64
16	X1TEIR	Tetrachloroethylene	9.55	1	-9.36	0.00	1	0.00	0.00	0.00	-9.36
16	X1TEIR	Tetrachloroethylene	10.36	1	-0.36	0.00	1	0.00	0.00	0.00	-0.36

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1TETR	Tetrachloroethylene	10.55	1	-0.27	0.00	1	0.00	0.00	0.00	-0.27
16	X1TEIR	Tetrachloroethylene	14.55	2	23.18	35.36	2	0.00	-1.82	0.00	48.18
16	X1TETR	Tetrachloroethylene	16.95	2	-4.77	4.63	2	0.00	-8.05	0.00	-1.50
16	X1TETR	Tetrachloroethylene	17.00	2	-2.91	3.22	2	0.00	-5.18	0.00	-0.64
16	X1TETR	Tetrachloroethylene	18.18	120	-0.91	1.34	131	-1.82	-0.91	0.00	17.46
16	X1TETR	Tetrachloroethylene	18.27	1	2.18	0.00	1	0.00	0.00	0.00	2.18
16	X1TETR	Tetrachloroethylene	20.64	4	-1.30	2.04	4	-3.82	-2.09	0.36	0.36
16	X1TETR	Tetrachloroethylene	20.73	1	-0.64	0.00	1	0.00	0.00	0.00	-0.64
16	X1TEIR	Tetrachloroethylene	21.09	12	-0.31	1.81	12	-1.46	-0.55	0.91	2.18
16	X1TETR	Tetrachloroethylene	21.18	5	-2.06	1.12	5	-3.55	-2.46	-2.09	-0.46
16	X1TETR	Tetrachloroethylene	21.82	6	-4.70	4.43	6	-12.73	-5.46	-2.73	-0.82
16	X1TETR	Tetrachloroethylene	36.36	4	-3.50	1.43	4	-4.91	-4.55	-2.36	-2.18
16	X1TETR	Tetrachloroethylene	45.45	7	5.64	0.87	12	4.36	6.00	6.36	31.55
16	X1TETR	Tetrachloroethylene	54.55	3	5.42	1.94	4	3.23	6.16	6.88	12.70
16	X1TRIC	Trichloroethylene	0.36	4	-0.03	0.01	5	-0.04	-0.03	-0.02	0.06
16	X1TRIC	Trichloroethylene	0.40	2	0.05	0.09	2	0.00	-0.01	0.00	0.12
16	X1TRIC	Trichloroethylene	0.78	1	0.07	0.00	1	0.00	0.00	0.00	0.07
16	X1TRIC	Trichloroethylene	0.98	10	0.25	0.31	10	-0.21	0.31	0.44	0.57
16	X1TRIC	Trichloroethylene	1.05	2	-0.07	0.05	2	0.00	-0.10	0.00	-0.03
16	X1TRIC	Trichloroethylene	1.14	4	-0.59	0.18	4	-0.84	-0.56	-0.54	-0.41

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XITRIC	Trichloroethylene	1.21	3	0.40	1.11	3	0.00	-0.32	-0.16	1.68
16	XITRIC	Trichloroethylene	1.22	5	0.09	0.10	5	-0.05	0.01	0.11	0.19
16	XITRIC	Trichloroethylene	1.32	1	-0.21	0.00	1	0.00	0.00	0.00	-0.21
16	XITRIC	Trichloroethylene	1.58	6	-0.38	0.13	8	-0.47	-0.37	-0.21	1.11
16	XITRIC	Trichloroethylene	1.74	1	-0.27	0.00	1	0.00	0.00	0.00	-0.27
16	XITRIC	Trichloroethylene	1.79	3	-0.65	0.08	5	-0.74	-0.63	-0.58	2.05
16	XITRIC	Trichloroethylene	2.11	6	-0.24	0.17	7	-0.46	-0.29	-0.17	0.26
16	XITRIC	Trichloroethylene	2.21	2	1.63	0.97	2	0.00	0.95	0.00	2.32
16	XITRIC	Trichloroethylene	2.53	1	0.56	0.00	1	0.00	0.00	0.00	0.56
16	XITRIC	Trichloroethylene	2.63	61	0.33	0.70	68	-0.16	0.32	1.00	3.58
16	XITRIC	Trichloroethylene	2.95	5	-0.88	0.32	6	-1.26	-0.90	-0.79	0.42
16	XITRIC	Trichloroethylene	3.03	3	-1.35	0.10	5	-1.45	-1.34	-1.26	1.25
16	XITRIC	Trichloroethylene	3.32	21	0.92	0.93	22	0.00	0.74	1.27	2.42
16	XITRIC	Trichloroethylene	3.37	30	-0.01	0.10	34	-0.11	0.00	0.11	5.05
16	XITRIC	Trichloroethylene	3.68	2	-0.82	0.56	2	0.00	-1.21	0.00	-0.42
16	XITRIC	Trichloroethylene	3.79	1	-1.79	0.00	1	0.00	0.00	0.00	-1.79
16	XITRIC	Trichloroethylene	3.84	3	-0.82	0.67	3	0.00	-1.42	-0.95	-0.11
16	XITRIC	Trichloroethylene	4.42	4	-0.82	0.56	4	-1.37	-1.21	-0.42	-0.26
16	XITRIC	Trichloroethylene	4.74	1	-2.32	0.00	1	0.00	0.00	0.00	-2.32
16	XITRIC	Trichloroethylene	5.26	44	0.19	0.55	53	-0.32	0.11	0.53	2.11

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1TRIC	Trichloroethylene	5.53	1	-5.04	0.00	1	0.00	0.00	0.00	-5.04
16	X1TRIC	Trichloroethylene	6.00	1	0.42	0.00	1	0.00	0.00	0.00	0.42
16	X1TRIC	Trichloroethylene	6.11	1	0.53	0.00	1	0.00	0.00	0.00	0.53
16	X1TRIC	Trichloroethylene	6.19	2	0.68	2.94	2	0.00	-1.40	0.00	2.76
16	X1TRIC	Trichloroethylene	6.21	2	1.68	2.98	2	0.00	-0.42	0.00	3.79
16	X1TRIC	Trichloroethylene	9.47	1	-0.53	0.00	1	0.00	0.00	0.00	-0.53
16	X1TRIC	Trichloroethylene	10.00	1	-7.79	0.00	1	0.00	0.00	0.00	-7.79
16	X1TRIC	Trichloroethylene	10.53	113	0.45	1.00	130	-0.53	0.53	1.05	5.79
16	X1TRIC	Trichloroethylene	10.74	1	1.68	0.00	1	0.00	0.00	0.00	1.68
16	X1TRIC	Trichloroethylene	11.84	4	0.16	1.22	4	-1.05	-0.74	1.21	1.21
16	X1TRIC	Trichloroethylene	11.89	1	-0.21	0.00	1	0.00	0.00	0.00	-0.21
16	X1TRIC	Trichloroethylene	12.11	13	0.28	1.21	14	-1.00	0.53	1.00	4.42
16	X1TRIC	Trichloroethylene	12.47	3	-0.84	0.19	5	-1.00	-0.90	-0.63	-0.26
16	X1TRIC	Trichloroethylene	12.63	6	-1.12	1.90	6	-4.74	-0.53	-0.37	0.53
16	X1TRIC	Trichloroethylene	13.16	3	-6.39	3.98	3	0.00	-10.26	-6.58	-2.32
16	X1TRIC	Trichloroethylene	15.79	1	-11.48	0.00	1	0.00	0.00	0.00	-11.48
16	X1TRIC	Trichloroethylene	21.05	4	-3.76	1.49	4	-5.37	-4.32	-3.53	-1.84
16	X1TRIC	Trichloroethylene	26.32	11	8.37	3.62	12	5.79	8.95	12.11	20.74
16	X1TRIC	Trichloroethylene	31.58	4	3.64	6.58	4	-4.47	1.64	6.60	10.81
16	X1VCL	Vinyl chloride	0.06	2	0.66	0.00	2	0.00	0.66	0.00	0.66

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1VCL	Vinyl chloride	0.08	1	0.03	0.00	1	0.00	0.00	0.00	0.03
16	X1VCL	Vinyl chloride	0.13	2	0.35	0.35	2	0.00	0.10	0.00	0.60
16	X1VCL	Vinyl chloride	0.47	9	0.03	0.13	10	-0.12	0.06	0.12	0.64
16	X1VCL	Vinyl chloride	0.50	2	-0.16	0.02	2	0.00	-0.18	0.00	-0.15
16	X1VCL	Vinyl chloride	0.58	5	-0.04	0.03	5	-0.09	-0.08	-0.04	-0.01
16	X1VCL	Vinyl chloride	0.73	3	-0.54	0.01	4	-0.55	-0.55	-0.53	-0.43
16	X1VCL	Vinyl chloride	0.78	5	0.05	0.47	5	-0.50	-0.38	0.13	0.55
16	X1VCL	Vinyl chloride	0.85	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
16	X1VCL	Vinyl chloride	1.03	7	-0.27	0.10	8	-0.43	-0.30	-0.25	-0.08
16	X1VCL	Vinyl chloride	1.10	1	-0.25	0.00	1	0.00	0.00	0.00	-0.25
16	X1VCL	Vinyl chloride	1.18	2	1.76	3.62	2	0.00	-0.80	0.00	4.33
16	X1VCL	Vinyl chloride	1.25	2	-0.61	0.58	2	0.00	-1.03	0.00	-0.20
16	X1VCL	Vinyl chloride	1.28	1	-0.60	0.00	1	0.00	0.00	0.00	-0.60
16	X1VCL	Vinyl chloride	1.40	6	-0.67	0.32	6	-1.05	-0.65	-0.63	-0.23
16	X1VCL	Vinyl chloride	1.43	1	2.20	0.00	1	0.00	0.00	0.00	2.20
16	X1VCL	Vinyl chloride	1.45	1	-0.76	0.00	1	0.00	0.00	0.00	-0.76
16	X1VCL	Vinyl chloride	1.75	2	-1.03	0.28	2	0.00	-1.23	0.00	-0.83
16	X1VCL	Vinyl chloride	1.83	3	-1.43	0.18	3	0.00	-1.55	-1.53	-1.23
16	X1VCL	Vinyl chloride	2.00	27	0.16	0.18	34	0.05	0.15	0.35	3.25
16	X1VCL	Vinyl chloride	2.05	4	-0.29	0.21	4	-0.48	-0.45	-0.15	-0.08

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XIVCL	Vinyl chloride	2.13	20	-0.83	0.63	23	-1.53	-0.63	-0.28	6.88
16	XIVCL	Vinyl chloride	2.50	70	-0.04	0.32	81	-0.40	-0.03	0.18	1.83
16	XIVCL	Vinyl chloride	2.85	1	1.10	0.00	1	0.00	0.00	0.00	1.10
16	XIVCL	Vinyl chloride	3.35	1	-2.90	0.00	1	0.00	0.00	0.00	-2.90
16	XIVCL	Vinyl chloride	3.53	1	-3.34	0.00	1	0.00	0.00	0.00	-3.34
16	XIVCL	Vinyl chloride	4.20	3	-1.27	0.66	3	0.00	-1.84	-1.42	-0.55
16	XIVCL	Vinyl chloride	4.20	3	-1.64	0.57	4	-2.18	-1.70	-1.05	2.03
16	XIVCL	Vinyl chloride	4.25	1	0.10	0.00	1	0.00	0.00	0.00	0.10
16	XIVCL	Vinyl chloride	4.38	2	2.51	3.27	2	0.00	0.20	0.00	4.83
16	XIVCL	Vinyl chloride	5.00	116	-0.09	0.65	133	-0.75	0.00	0.25	4.25
16	XIVCL	Vinyl chloride	5.10	1	0.75	0.00	1	0.00	0.00	0.00	0.75
16	XIVCL	Vinyl chloride	5.28	1	-0.60	0.00	1	0.00	0.00	0.00	-0.60
16	XIVCL	Vinyl chloride	5.33	4	-0.37	0.64	4	-1.08	-0.75	0.18	0.18
16	XIVCL	Vinyl chloride	5.35	1	-0.58	0.00	1	0.00	0.00	0.00	-0.58
16	XIVCL	Vinyl chloride	5.45	7	-0.41	1.30	7	-3.25	0.00	0.08	0.60
16	XIVCL	Vinyl chloride	5.93	11	-0.28	1.34	12	-2.28	-0.40	0.00	1.68
16	XIVCL	Vinyl chloride	6.25	4	-2.06	2.08	5	-4.55	-2.95	-0.74	3.35
16	XIVCL	Vinyl chloride	10.00	10	-3.01	2.59	14	-4.75	-2.50	3.28	37.50
16	XIVCL	Vinyl chloride	10.15	2	-0.16	0.02	2	0.00	-0.18	0.00	-0.15
16	XIVCL	Vinyl chloride	11.63	1	-5.83	0.00	1	0.00	0.00	0.00	-5.83

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X1VCL	Vinyl chloride	12.50	32	0.10	1.67	41	-2.00	-0.25	1.00	25.50
16	X1VCL	Vinyl chloride	20.00	2	5.38	10.08	2	0.00	-1.75	0.00	12.50
16	X1VCL	Vinyl chloride	25.00	2	2.94	1.86	2	0.00	1.63	0.00	4.25
16	X1VCL	Vinyl chloride	50.00	4	-42.29	6.61	4	-49.87	-45.23	-39.18	-34.86
16	X212CB	1,2-Dichlorobenzene	0.46	3	-0.16	0.01	5	-0.17	-0.16	-0.14	-0.09
16	X212CB	1,2-Dichlorobenzene	0.59	1	-0.11	0.00	1	0.00	0.00	0.00	-0.11
16	X212CB	1,2-Dichlorobenzene	0.60	1	0.01	0.00	1	0.00	0.00	0.00	0.01
16	X212CB	1,2-Dichlorobenzene	0.73	1	0.37	0.00	1	0.00	0.00	0.00	0.37
16	X212CB	1,2-Dichlorobenzene	1.02	2	0.02	0.49	2	0.00	-0.33	0.00	0.36
16	X212CB	1,2-Dichlorobenzene	1.33	7	-0.18	0.20	10	-0.38	-0.19	-0.09	0.44
16	X212CB	1,2-Dichlorobenzene	1.55	4	-0.23	0.46	4	-0.86	-0.20	-0.09	0.23
16	X212CB	1,2-Dichlorobenzene	1.64	1	2.07	0.00	1	0.00	0.00	0.00	2.07
16	X212CB	1,2-Dichlorobenzene	1.66	5	-0.21	0.28	5	-0.64	-0.34	-0.14	0.06
16	X212CB	1,2-Dichlorobenzene	1.79	1	-0.07	0.00	1	0.00	0.00	0.00	-0.07
16	X212CB	1,2-Dichlorobenzene	1.89	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
16	X212CB	1,2-Dichlorobenzene	2.04	4	-0.33	0.12	6	-0.41	-0.38	-0.14	0.14
16	X212CB	1,2-Dichlorobenzene	2.14	65	0.11	0.24	73	-0.07	0.07	0.29	0.71
16	X212CB	1,2-Dichlorobenzene	2.29	3	0.43	1.22	3	0.00	-0.57	0.07	1.79
16	X212CB	1,2-Dichlorobenzene	2.36	2	1.36	1.62	2	0.00	0.21	0.00	2.50
16	X212CB	1,2-Dichlorobenzene	2.43	3	-0.74	0.04	3	0.00	-0.79	-0.71	-0.71

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X212CB	1,2-Dichlorobenzene	3.00	2	0.04	0.15	2	0.00	-0.07	0.00	0.14
16	X212CB	1,2-Dichlorobenzene	3.40	1	-2.54	0.00	1	0.00	0.00	0.00	-2.54
16	X212CB	1,2-Dichlorobenzene	3.57	3	-1.10	0.27	3	0.00	-1.29	-1.21	-0.79
16	X212CB	1,2-Dichlorobenzene	4.00	5	-1.20	0.40	6	-1.79	-1.14	-1.00	0.57
16	X212CB	1,2-Dichlorobenzene	4.08	5	-1.48	0.67	5	-2.47	-1.65	-1.56	-0.80
16	X212CB	1,2-Dichlorobenzene	4.29	32	-0.37	0.18	34	-0.57	-0.36	-0.29	5.00
16	X212CB	1,2-Dichlorobenzene	4.50	15	0.32	0.66	22	-0.43	0.36	0.93	8.21
16	X212CB	1,2-Dichlorobenzene	5.00	2	-0.32	0.05	2	0.00	-0.36	0.00	-0.29
16	X212CB	1,2-Dichlorobenzene	5.21	4	-0.75	0.39	4	-1.29	-0.79	-0.50	-0.43
16	X212CB	1,2-Dichlorobenzene	5.36	3	-1.29	1.07	4	-2.36	-1.29	-0.21	2.79
16	X212CB	1,2-Dichlorobenzene	7.14	51	-0.20	0.79	53	-0.86	-0.21	0.43	1.29
16	X212CB	1,2-Dichlorobenzene	7.50	1	-7.33	0.00	1	0.00	0.00	0.00	-7.33
16	X212CB	1,2-Dichlorobenzene	8.14	1	0.86	0.00	1	0.00	0.00	0.00	0.86
16	X212CB	1,2-Dichlorobenzene	8.29	1	-1.86	0.00	1	0.00	0.00	0.00	-1.86
16	X212CB	1,2-Dichlorobenzene	12.43	4	-1.11	3.13	4	-5.71	-0.29	0.43	1.14
16	X212CB	1,2-Dichlorobenzene	13.57	3	-1.00	4.63	3	0.00	-4.64	-2.56	4.21
16	X212CB	1,2-Dichlorobenzene	14.29	97	-0.06	0.83	128	-0.71	0.00	0.71	5.00
16	X212CB	1,2-Dichlorobenzene	16.07	4	-1.36	1.46	4	-3.07	-2.07	-0.14	-0.14
16	X212CB	1,2-Dichlorobenzene	16.14	1	-0.36	0.00	1	0.00	0.00	0.00	-0.36
16	X212CB	1,2-Dichlorobenzene	16.43	14	1.26	1.75	14	-0.57	0.86	2.36	4.64

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X212CB	1,2-Dichlorobenzene	16.57	4	-0.31	0.30	4	-0.71	-0.31	-0.21	0.00
16	X212CB	1,2-Dichlorobenzene	16.64	1	-1.57	0.00	1	0.00	0.00	0.00	-1.57
16	X212CB	1,2-Dichlorobenzene	19.29	2	-3.39	1.26	2	0.00	-4.29	0.00	-2.50
16	X212CB	1,2-Dichlorobenzene	28.57	4	-0.36	1.37	4	-1.86	-1.00	0.14	1.29
16	X212CB	1,2-Dichlorobenzene	32.14	1	-12.86	0.00	1	0.00	0.00	0.00	-12.86
16	X212CB	1,2-Dichlorobenzene	35.71	10	4.54	2.55	12	2.71	4.43	7.14	18.50
16	X212CB	1,2-Dichlorobenzene	85.71	6	-3.56	4.01	6	-11.43	-2.86	-2.86	-0.36
16	X212CB	1,2-Dichlorobenzene	214.29	4	24.73	2.96	4	21.32	23.20	27.13	27.28
16	X213CB	1,3-Dichlorobenzene	0.44	3	-0.17	0.02	5	-0.18	-0.18	-0.15	-0.04
16	X213CB	1,3-Dichlorobenzene	0.76	1	0.22	0.00	1	0.00	0.00	0.00	0.22
16	X213CB	1,3-Dichlorobenzene	0.84	1	-0.07	0.00	1	0.00	0.00	0.00	-0.07
16	X213CB	1,3-Dichlorobenzene	0.87	1	-0.07	0.00	1	0.00	0.00	0.00	-0.07
16	X213CB	1,3-Dichlorobenzene	1.69	7	-0.24	0.27	10	-0.54	-0.29	-0.08	0.78
16	X213CB	1,3-Dichlorobenzene	1.73	2	0.18	0.51	2	0.00	-0.18	0.00	0.55
16	X213CB	1,3-Dichlorobenzene	1.97	4	-0.25	0.69	4	-1.13	-0.28	-0.14	0.55
16	X213CB	1,3-Dichlorobenzene	2.09	1	2.91	0.00	1	0.00	0.00	0.00	2.91
16	X213CB	1,3-Dichlorobenzene	2.11	5	-0.26	0.43	5	-0.93	-0.43	-0.17	0.14
16	X213CB	1,3-Dichlorobenzene	2.27	1	-0.27	0.00	1	0.00	0.00	0.00	-0.27
16	X213CB	1,3-Dichlorobenzene	2.73	13	-0.37	0.22	18	-0.64	-0.43	-0.27	0.27
16	X213CB	1,3-Dichlorobenzene	2.82	51	0.21	0.25	56	0.00	0.18	0.36	0.82

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X213CB	1,3-Dichlorobenzene	3.09	3	-0.82	0.09	5	-0.91	-0.82	-0.73	0.46
16	X213CB	1,3-Dichlorobenzene	3.29	2	-0.50	0.46	2	0.00	-0.83	0.00	-0.17
16	X213CB	1,3-Dichlorobenzene	3.82	2	0.00	0.26	2	0.00	-0.18	0.00	0.18
16	X213CB	1,3-Dichlorobenzene	4.05	1	-2.88	0.00	1	0.00	0.00	0.00	-2.88
16	X213CB	1,3-Dichlorobenzene	4.55	2	-1.27	0.26	2	0.00	-1.46	0.00	-1.09
16	X213CB	1,3-Dichlorobenzene	4.86	3	-3.01	0.29	5	-3.24	-3.12	-2.68	-0.74
16	X213CB	1,3-Dichlorobenzene	5.09	7	-1.30	0.93	8	-2.09	-1.27	-0.46	2449.46
16	X213CB	1,3-Dichlorobenzene	5.45	32	-0.45	0.33	34	-0.73	-0.46	-0.27	9.09
16	X213CB	1,3-Dichlorobenzene	5.73	16	0.03	0.89	22	-0.91	0.09	0.64	5.64
16	X213CB	1,3-Dichlorobenzene	6.18	1	-1.55	0.00	1	0.00	0.00	0.00	-1.55
16	X213CB	1,3-Dichlorobenzene	6.36	2	-0.77	0.06	2	0.00	-0.82	0.00	-0.73
16	X213CB	1,3-Dichlorobenzene	6.58	6	-0.93	0.70	6	-2.09	-0.96	-0.62	-0.23
16	X213CB	1,3-Dichlorobenzene	6.64	3	-1.58	0.92	3	0.00	-2.64	-1.09	-1.00
16	X213CB	1,3-Dichlorobenzene	7.09	4	-1.86	1.28	4	-3.46	-2.27	-1.18	-0.55
16	X213CB	1,3-Dichlorobenzene	9.09	52	-0.34	1.12	53	-1.31	-0.36	0.55	1.82
16	X213CB	1,3-Dichlorobenzene	9.55	1	-9.34	0.00	1	0.00	0.00	0.00	-9.34
16	X213CB	1,3-Dichlorobenzene	10.36	1	0.91	0.00	1	0.00	0.00	0.00	0.91
16	X213CB	1,3-Dichlorobenzene	10.55	1	-1.82	0.00	1	0.00	0.00	0.00	-1.82
16	X213CB	1,3-Dichlorobenzene	13.64	1	7.27	0.00	1	0.00	0.00	0.00	7.27
16	X213CB	1,3-Dichlorobenzene	14.36	4	-2.77	2.50	4	-5.27	-4.36	-1.64	0.18

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X213CB	1,3-Dichlorobenzene	14.55	1	24.64	0.00	1	0.00	0.00	0.00	24.64
16	X213CB	1,3-Dichlorobenzene	17.82	1	1.14	0.00	1	0.00	0.00	0.00	1.14
16	X213CB	1,3-Dichlorobenzene	18.18	110	-0.30	1.52	127	-1.82	0.00	0.91	11.82
16	X213CB	1,3-Dichlorobenzene	20.73	5	-2.63	1.06	5	-4.23	-2.64	-2.64	-1.27
16	X213CB	1,3-Dichlorobenzene	20.91	1	-3.64	0.00	1	0.00	0.00	0.00	-3.64
16	X213CB	1,3-Dichlorobenzene	21.82	3	-4.82	7.32	3	0.00	-13.20	-1.64	0.36
16	X213CB	1,3-Dichlorobenzene	23.27	1	-4.36	0.00	1	0.00	0.00	0.00	-4.36
16	X213CB	1,3-Dichlorobenzene	23.36	3	-1.03	0.84	3	0.00	-2.00	-0.55	-0.55
16	X213CB	1,3-Dichlorobenzene	23.45	1	-0.18	0.00	1	0.00	0.00	0.00	-0.18
16	X213CB	1,3-Dichlorobenzene	23.91	11	0.38	1.79	14	-0.27	-0.18	2.36	5.27
16	X213CB	1,3-Dichlorobenzene	36.36	4	-0.14	2.34	4	-2.18	-2.00	1.09	2.55
16	X213CB	1,3-Dichlorobenzene	40.91	1	-25.27	0.00	1	0.00	0.00	0.00	-25.27
16	X213CB	1,3-Dichlorobenzene	45.45	11	2.48	3.91	12	-1.82	2.73	5.46	15.82
16	X213CB	1,3-Dichlorobenzene	109.09	6	-3.24	5.86	6	-13.64	0.00	0.00	0.91
16	X213CB	1,3-Dichlorobenzene	272.73	4	5.46	3.88	4	1.41	3.68	6.32	10.44
16	X214CB	1,4-Dichlorobenzene	0.22	1	1.42	0.00	1	0.00	0.00	0.00	1.42
16	X214CB	1,4-Dichlorobenzene	0.33	4	-0.12	0.01	5	-0.13	-0.13	-0.12	-0.09
16	X214CB	1,4-Dichlorobenzene	0.48	1	-0.02	0.00	1	0.00	0.00	0.00	-0.02
16	X214CB	1,4-Dichlorobenzene	0.51	1	0.15	0.00	1	0.00	0.00	0.00	0.15
16	X214CB	1,4-Dichlorobenzene	0.56	1	-0.21	0.00	1	0.00	0.00	0.00	-0.21

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X214CB	1,4-Dichlorobenzene	1.09	6	-0.17	0.09	10	-0.28	-0.20	-0.02	1.25
16	X214CB	1,4-Dichlorobenzene	1.11	2	-0.14	0.15	2	0.00	-0.25	0.00	-0.04
16	X214CB	1,4-Dichlorobenzene	1.28	4	-0.16	0.44	4	-0.74	-0.15	-0.07	0.33
16	X214CB	1,4-Dichlorobenzene	1.35	1	1.53	0.00	1	0.00	0.00	0.00	1.53
16	X214CB	1,4-Dichlorobenzene	1.36	5	-0.15	0.41	5	-0.73	-0.37	-0.09	0.24
16	X214CB	1,4-Dichlorobenzene	1.47	1	-0.12	0.00	1	0.00	0.00	0.00	-0.12
16	X214CB	1,4-Dichlorobenzene	1.65	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X214CB	1,4-Dichlorobenzene	1.71	49	0.12	0.13	58	-0.06	0.12	0.18	0.53
16	X214CB	1,4-Dichlorobenzene	1.76	17	-0.26	0.25	17	-0.53	-0.27	-0.12	0.12
16	X214CB	1,4-Dichlorobenzene	2.00	3	-0.51	0.07	3	0.00	-0.59	-0.47	-0.47
16	X214CB	1,4-Dichlorobenzene	2.06	1	0.06	0.00	1	0.00	0.00	0.00	0.06
16	X214CB	1,4-Dichlorobenzene	2.22	6	-0.33	0.18	6	-0.59	-0.34	-0.28	-0.08
16	X214CB	1,4-Dichlorobenzene	2.35	2	0.03	0.87	2	0.00	-0.59	0.00	0.65
16	X214CB	1,4-Dichlorobenzene	2.47	2	0.00	0.25	2	0.00	-0.18	0.00	0.18
16	X214CB	1,4-Dichlorobenzene	2.94	2	-0.62	0.04	2	0.00	-0.65	0.00	-0.59
16	X214CB	1,4-Dichlorobenzene	3.29	5	-0.71	0.25	6	-0.94	-0.82	-0.47	0.59
16	X214CB	1,4-Dichlorobenzene	3.43	1	-2.42	0.00	1	0.00	0.00	0.00	-2.42
16	X214CB	1,4-Dichlorobenzene	3.71	20	-0.35	0.85	22	-1.24	0.00	0.24	3.35
16	X214CB	1,4-Dichlorobenzene	4.06	25	-0.41	0.19	26	-0.59	-0.41	-0.18	5.94
16	X214CB	1,4-Dichlorobenzene	4.11	3	-1.37	0.71	3	0.00	-1.99	-1.52	-0.59

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X214CB	1,4-Dichlorobenzene	4.12	7	-0.61	0.11	12	-0.77	-0.53	-0.53	5.29
16	X214CB	1,4-Dichlorobenzene	4.29	3	-0.75	0.45	3	0.00	-1.24	-0.65	-0.35
16	X214CB	1,4-Dichlorobenzene	4.71	3	-1.35	0.71	4	-2.00	-1.47	-0.59	1.88
16	X214CB	1,4-Dichlorobenzene	5.00	1	-1.41	0.00	1	0.00	0.00	0.00	-1.41
16	X214CB	1,4-Dichlorobenzene	5.65	1	2.00	0.00	1	0.00	0.00	0.00	2.00
16	X214CB	1,4-Dichlorobenzene	5.69	2	0.10	0.12	2	0.00	0.01	0.00	0.19
16	X214CB	1,4-Dichlorobenzene	5.71	1	2.53	0.00	1	0.00	0.00	0.00	2.53
16	X214CB	1,4-Dichlorobenzene	5.88	52	-0.24	0.71	53	-0.80	-0.24	0.40	0.85
16	X214CB	1,4-Dichlorobenzene	6.18	1	-6.05	0.00	1	0.00	0.00	0.00	-6.05
16	X214CB	1,4-Dichlorobenzene	6.71	1	0.47	0.00	1	0.00	0.00	0.00	0.47
16	X214CB	1,4-Dichlorobenzene	6.82	1	-1.24	0.00	1	0.00	0.00	0.00	-1.24
16	X214CB	1,4-Dichlorobenzene	10.00	1	7.88	0.00	1	0.00	0.00	0.00	7.88
16	X214CB	1,4-Dichlorobenzene	11.18	3	0.80	1.26	3	0.00	-0.41	0.71	2.10
16	X214CB	1,4-Dichlorobenzene	11.76	115	-0.34	0.95	128	-1.18	-0.59	0.59	2.94
16	X214CB	1,4-Dichlorobenzene	11.82	1	1.18	0.00	1	0.00	0.00	0.00	1.18
16	X214CB	1,4-Dichlorobenzene	12.35	1	-1.77	0.00	1	0.00	0.00	0.00	-1.77
16	X214CB	1,4-Dichlorobenzene	13.71	4	-0.91	0.38	5	-1.47	-0.82	-0.71	0.47
16	X214CB	1,4-Dichlorobenzene	14.94	4	-0.76	1.81	4	-3.41	-0.18	-0.18	0.71
16	X214CB	1,4-Dichlorobenzene	15.00	1	-0.29	0.00	1	0.00	0.00	0.00	-0.29
16	X214CB	1,4-Dichlorobenzene	15.29	11	0.51	0.99	14	-0.71	1.00	1.47	6.41

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quantiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X214CB	1,4-Dichlorobenzene	23.53	4	0.00	0.83	4	-0.82	-0.47	0.24	1.06
16	X214CB	1,4-Dichlorobenzene	26.47	1	-4.35	0.00	1	0.00	0.00	0.00	-4.35
16	X214CB	1,4-Dichlorobenzene	29.41	10	2.52	2.14	12	0.94	1.77	4.65	15.82
16	X214CB	1,4-Dichlorobenzene	70.59	6	-3.01	1.88	6	-6.47	-2.94	-2.35	-0.82
16	X214CB	1,4-Dichlorobenzene	176.47	4	1.17	3.64	4	-2.42	-1.42	3.54	4.98
16	X2CBEN	Chlorobenzene	0.74	4	-0.21	0.02	5	-0.23	-0.23	-0.20	-0.09
16	X2CBEN	Chlorobenzene	1.06	1	0.11	0.00	1	0.00	0.00	0.00	0.11
16	X2CBEN	Chlorobenzene	1.09	1	0.11	0.00	1	0.00	0.00	0.00	0.11
16	X2CBEN	Chlorobenzene	1.43	1	0.06	0.00	1	0.00	0.00	0.00	0.06
16	X2CBEN	Chlorobenzene	1.57	2	0.29	0.20	2	0.00	0.14	0.00	0.43
16	X2CBEN	Chlorobenzene	2.14	1	1.86	0.00	1	0.00	0.00	0.00	1.86
16	X2CBEN	Chlorobenzene	2.66	10	0.14	0.74	10	-0.70	-0.05	0.49	1.17
16	X2CBEN	Chlorobenzene	2.86	2	-0.27	0.08	2	0.00	-0.33	0.00	-0.21
16	X2CBEN	Chlorobenzene	3.10	4	-1.11	0.65	4	-1.93	-1.31	-0.69	-0.50
16	X2CBEN	Chlorobenzene	3.29	1	3.00	0.00	1	0.00	0.00	0.00	3.00
16	X2CBEN	Chlorobenzene	3.31	4	-0.39	0.12	5	-0.54	-0.43	-0.30	0.00
16	X2CBEN	Chlorobenzene	3.57	1	-0.14	0.00	1	0.00	0.00	0.00	-0.14
16	X2CBEN	Chlorobenzene	3.90	1	-0.47	0.00	1	0.00	0.00	0.00	-0.47
16	X2CBEN	Chlorobenzene	4.29	8	-0.10	0.82	8	-0.67	-0.43	0.47	1.00
16	X2CBEN	Chlorobenzene	4.59	1	-2.96	0.00	1	0.00	0.00	0.00	-2.96

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X2CBEN	Chlorobenzene	4.86	3	-1.05	0.17	3	0.00	-1.14	-1.14	-0.86
16	X2CBEN	Chlorobenzene	5.50	1	0.20	0.00	1	0.00	0.00	0.00	0.20
16	X2CBEN	Chlorobenzene	5.71	6	-1.03	0.76	6	-2.16	-0.91	-0.81	0.00
16	X2CBEN	Chlorobenzene	6.00	2	0.14	0.00	2	0.00	0.14	0.00	0.14
16	X2CBEN	Chlorobenzene	6.57	32	-0.34	0.29	38	-0.71	-0.29	-0.14	12.00
16	X2CBEN	Chlorobenzene	6.71	2	0.00	3.03	2	0.00	-2.14	0.00	2.14
16	X2CBEN	Chlorobenzene	7.14	61	0.47	0.57	68	-0.14	0.43	0.86	2.00
16	X2CBEN	Chlorobenzene	7.61	4	-3.61	1.63	4	-5.81	-3.53	-3.19	-1.91
16	X2CBEN	Chlorobenzene	8.00	6	-2.48	1.17	6	-3.71	-3.00	-2.14	-0.71
16	X2CBEN	Chlorobenzene	9.00	15	0.02	0.55	22	-0.43	0.00	0.57	3.71
16	X2CBEN	Chlorobenzene	9.71	1	-2.29	0.00	1	0.00	0.00	0.00	-2.29
16	X2CBEN	Chlorobenzene	10.00	2	-1.79	0.10	2	0.00	-1.86	0.00	-1.71
16	X2CBEN	Chlorobenzene	10.43	3	-3.05	2.08	3	0.00	-5.43	-2.14	-1.57
16	X2CBEN	Chlorobenzene	14.29	47	0.23	1.12	53	-1.00	0.00	0.80	2.57
16	X2CBEN	Chlorobenzene	15.00	1	-14.63	0.00	1	0.00	0.00	0.00	-14.63
16	X2CBEN	Chlorobenzene	16.29	1	-0.57	0.00	1	0.00	0.00	0.00	-0.57
16	X2CBEN	Chlorobenzene	16.57	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X2CBEN	Chlorobenzene	16.93	3	-1.55	1.95	3	0.00	-3.64	-1.21	0.21
16	X2CBEN	Chlorobenzene	17.00	1	0.14	0.00	1	0.00	0.00	0.00	0.14
16	X2CBEN	Chlorobenzene	28.57	121	0.22	2.08	127	-1.43	0.00	1.43	5.71

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X2CBEN	Chlorobenzene	29.00	1	2.71	0.00	1	0.00	0.00	0.00	2.71
16	X2CBEN	Chlorobenzene	29.57	4	-2.18	2.02	4	-5.00	-2.29	-0.71	-0.71
16	X2CBEN	Chlorobenzene	29.71	1	1.71	0.00	1	0.00	0.00	0.00	1.71
16	X2CBEN	Chlorobenzene	30.29	11	0.96	1.73	13	0.14	1.14	2.29	7.71
16	X2CBEN	Chlorobenzene	31.00	1	0.86	0.00	1	0.00	0.00	0.00	0.86
16	X2CBEN	Chlorobenzene	33.71	4	-2.39	0.96	5	-3.43	-2.71	-2.29	-0.71
16	X2CBEN	Chlorobenzene	34.29	3	-4.07	10.14	3	0.00	-13.29	-5.71	6.80
16	X2CBEN	Chlorobenzene	40.00	1	-1.71	0.00	1	0.00	0.00	0.00	-1.71
16	X2CBEN	Chlorobenzene	41.43	1	-2.86	0.00	1	0.00	0.00	0.00	-2.86
16	X2CBEN	Chlorobenzene	57.14	3	-11.00	2.44	4	-13.00	-11.71	-8.29	-3.57
16	X2CBEN	Chlorobenzene	64.29	1	-27.14	0.00	1	0.00	0.00	0.00	-27.14
16	X2CBEN	Chlorobenzene	71.43	12	5.11	1.86	12	2.86	4.29	6.71	7.14
16	X2CBEN	Chlorobenzene	171.43	6	-8.76	11.28	6	-31.43	-5.71	-3.86	-1.57
16	X2CBEN	Chlorobenzene	428.57	4	5.50	11.03	4	-7.64	2.51	8.40	18.73
16	X2EDB	Ethylene dibromide	0.60	3	-0.15	(0.04)	5	-0.16	-0.14	-0.14	0.00
16	X2EDB	Ethylene dibromide	0.82	1	0.36	(0.07)	1	0.00	0.00	0.00	0.36
16	X2EDB	Ethylene dibromide	0.88	1	0.18	(0.02)	1	0.00	0.00	0.00	0.18
16	X2EDB	Ethylene dibromide	1.06	1	0.08	0.00	1	0.00	0.00	0.00	0.08
16	X2EDB	Ethylene dibromide	1.29	2	-0.09	(0.02)	2	0.00	-0.21	0.00	0.03
16	X2EDB	Ethylene dibromide	2.02	6	-0.22	(0.06)	8	-0.33	-0.24	-0.04	1.62

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X2EDB	Ethylene dibromide	2.02	2	0.07	(0.01)	2	0.00	0.04	0.00	0.10
16	X2EDB	Ethylene dibromide	2.17	4	-0.31	(0.92)	4	-1.20	-0.32	0.09	0.21
16	X2EDB	Ethylene dibromide	2.30	1	1.30	(0.85)	1	0.00	0.00	0.00	1.30
16	X2EDB	Ethylene dibromide	2.40	1	0.40	(0.08)	1	0.00	0.00	0.00	0.40
16	X2EDB	Ethylene dibromide	2.50	1	0.60	(0.01)	1	0.00	0.00	0.00	0.60
16	X2EDB	Ethylene dibromide	2.53	3	-0.38	(0.23)	5	-0.39	-0.37	-0.37	0.22
16	X2EDB	Ethylene dibromide	2.58	6	-0.12	(0.05)	6	-0.63	-0.23	-0.09	0.31
16	X2EDB	Ethylene dibromide	2.80	2	-0.50	(0.76)	2	0.00	-0.60	0.00	-0.40
16	X2EDB	Ethylene dibromide	3.00	8	-0.50	(1.41)	8	-0.70	-0.46	-0.41	-0.20
16	X2EDB	Ethylene dibromide	3.40	3	-0.67	(2.16)	3	0.00	-1.70	-0.30	0.00
16	X2EDB	Ethylene dibromide	4.10	1	0.00	0.00	1	0.00	0.00	0.00	0.00
16	X2EDB	Ethylene dibromide	4.20	2	-0.05	(0.01)	2	0.00	-0.40	0.00	0.30
16	X2EDB	Ethylene dibromide	4.70	31	-0.24	(1.50)	34	-0.40	-0.20	-0.10	5.30
16	X2EDB	Ethylene dibromide	4.72	1	1.00	0.00	1	0.00	0.00	0.00	1.00
16	X2EDB	Ethylene dibromide	4.80	2	-1.05	(2.23)	2	0.00	-1.70	0.00	-0.40
16	X2EDB	Ethylene dibromide	5.72	4	-1.82	(5.03)	4	-2.62	-2.02	-1.60	-1.02
16	X2EDB	Ethylene dibromide	6.00	9	0.56	(0.39)	9	-0.70	0.60	0.80	1.90
16	X2EDB	Ethylene dibromide	6.20	53	0.56	(21.09)	57	-0.10	0.60	1.00	3.70
16	X2EDB	Ethylene dibromide	6.30	20	0.11	(0.06)	22	-0.90	0.20	0.50	1.30
16	X2EDB	Ethylene dibromide	7.00	2	-6.40	(122.88)	2	0.00	-6.40	0.00	-6.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	X2EDB	Ethylene dibromide	7.30	2	-0.05	(0.30)	2	0.00	-1.90	0.00	1.80
16	X2EDB	Ethylene dibromide	8.20	1	-0.40	(0.08)	1	0.00	0.00	0.00	-0.40
16	X2EDB	Ethylene dibromide	8.80	3	-2.63	(10.65)	4	-3.20	-2.90	-1.80	1.40
16	X2EDB	Ethylene dibromide	10.00	45	-0.05	(21.82)	53	-1.05	0.00	0.70	8.10
16	X2EDB	Ethylene dibromide	10.50	1	-10.32	(1.20)	1	0.00	0.00	0.00	-10.32
16	X2EDB	Ethylene dibromide	12.05	3	-1.95	(5.90)	3	0.00	-4.75	-1.05	-0.05
16	X2EDB	Ethylene dibromide	12.10	1	0.90	(0.41)	1	0.00	0.00	0.00	0.90
16	X2EDB	Ethylene dibromide	15.00	3	4.04	(31.57)	3	0.00	-5.77	-0.90	18.80
16	X2EDB	Ethylene dibromide	20.00	120	-0.11	(120.02)	129	-1.00	0.00	1.00	6.40
16	X2EDB	Ethylene dibromide	20.30	1	4.50	(0.08)	1	0.00	0.00	0.00	4.50
16	X2EDB	Ethylene dibromide	22.70	4	-3.08	(32.62)	4	-4.10	-3.10	-3.10	-2.00
16	X2EDB	Ethylene dibromide	22.80	1	-0.80	(0.01)	1	0.00	0.00	0.00	-0.80
16	X2EDB	Ethylene dibromide	23.20	13	0.54	(0.38)	14	-0.50	0.60	1.40	4.90
16	X2EDB	Ethylene dibromide	23.60	5	0.14	(1.65)	5	-0.80	-0.80	0.40	1.00
16	X2EDB	Ethylene dibromide	25.00	3	2.45	(10.12)	3	0.00	-8.20	3.10	12.46
16	X2EDB	Ethylene dibromide	29.00	1	1.00	(0.50)	1	0.00	0.00	0.00	1.00
16	X2EDB	Ethylene dibromide	40.00	6	-8.33	(88.06)	6	-15.20	-10.20	-8.80	-1.30
16	X2EDB	Ethylene dibromide	50.00	11	5.72	(271.29)	12	2.90	5.00	8.80	19.00
16	X2EDB	Ethylene dibromide	69.60	3	-13.07	(261.71)	3	0.00	-21.10	-14.90	-3.20
16	X2EDB	Ethylene dibromide	200.00	4	-43.86	(2,628.86)	4	-45.30	-44.11	-43.11	-42.93

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XIBMET	Bromomethane	0.07	3	0.37	0.36	3	0.00	-0.04	0.58	0.58
16	XIBMET	Bromomethane	0.14	1	0.70	0.00	1	0.00	0.00	0.00	0.70
16	XIBMET	Bromomethane	0.27	3	0.38	0.00	4	0.38	0.38	0.38	2.70
16	XIBMET	Bromomethane	0.41	1	-0.30	0.00	1	0.00	0.00	0.00	-0.30
16	XIBMET	Bromomethane	0.50	10	-0.17	0.22	10	-0.48	-0.15	-0.09	0.14
16	XIBMET	Bromomethane	0.53	1	-0.14	0.00	1	0.00	0.00	0.00	-0.14
16	XIBMET	Bromomethane	0.54	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
16	XIBMET	Bromomethane	0.62	1	-0.38	0.00	1	0.00	0.00	0.00	-0.38
16	XIBMET	Bromomethane	0.63	5	-0.22	0.23	5	-0.61	-0.28	-0.10	-0.05
16	XIBMET	Bromomethane	0.88	4	-0.15	0.69	4	-0.83	-0.65	0.31	0.57
16	XIBMET	Bromomethane	1.01	1	-0.10	0.00	1	0.00	0.00	0.00	-0.10
16	XIBMET	Bromomethane	1.08	5	0.35	0.94	5	-0.72	-0.62	0.95	1.08
16	XIBMET	Bromomethane	1.22	8	0.42	0.90	8	-0.89	0.87	1.03	1.25
16	XIBMET	Bromomethane	1.32	1	-0.65	0.00	1	0.00	0.00	0.00	-0.65
16	XIBMET	Bromomethane	1.35	2	-0.72	0.36	2	0.00	-0.97	0.00	-0.46
16	XIBMET	Bromomethane	1.41	2	-0.25	1.31	2	0.00	-1.18	0.00	0.68
16	XIBMET	Bromomethane	1.51	6	-0.82	0.29	6	-1.14	-0.89	-0.73	-0.49
16	XIBMET	Bromomethane	1.89	2	-1.41	0.04	2	0.00	-1.43	0.00	-1.38
16	XIBMET	Bromomethane	1.97	3	-1.05	0.12	3	0.00	-1.16	-1.08	-0.92
16	XIBMET	Bromomethane	2.16	32	-0.17	0.25	34	-0.35	-0.24	0.08	3.51

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
16	XIBMET	Bromomethane	2.30	2	6.62	2.68	2	0.00	4.73	0.00	8.51
16	XIBMET	Bromomethane	2.54	23	-0.14	1.46	23	-1.68	-0.30	0.89	2.41
16	XIBMET	Bromomethane	2.57	4	-0.55	0.23	4	-0.84	-0.62	-0.41	-0.32
16	XIBMET	Bromomethane	2.70	69	-0.03	0.50	81	-0.38	0.00	0.38	1.92
16	XIBMET	Bromomethane	3.08	1	-1.46	0.00	1	0.00	0.00	0.00	-1.46
16	XIBMET	Bromomethane	3.16	1	-2.73	0.00	1	0.00	0.00	0.00	-2.73
16	XIBMET	Bromomethane	3.59	2	0.18	0.52	2	0.00	-0.19	0.00	0.54
16	XIBMET	Bromomethane	3.65	4	-0.92	0.85	4	-1.91	-1.19	-0.68	0.11
16	XIBMET	Bromomethane	4.05	1	-3.35	0.00	1	0.00	0.00	0.00	-3.35
16	XIBMET	Bromomethane	4.24	1	-4.02	0.00	1	0.00	0.00	0.00	-4.02
16	XIBMET	Bromomethane	5.08	1	-0.14	0.00	1	0.00	0.00	0.00	-0.14
16	XIBMET	Bromomethane	5.41	109	-0.35	0.64	132	-1.08	-0.27	0.00	8.05
16	XIBMET	Bromomethane	5.59	1	0.03	0.00	1	0.00	0.00	0.00	0.03
16	XIBMET	Bromomethane	6.00	4	-0.91	0.46	4	-1.60	-0.76	-0.65	-0.65
16	XIBMET	Bromomethane	6.03	1	-0.22	0.00	1	0.00	0.00	0.00	-0.22
16	XIBMET	Bromomethane	6.14	5	-2.08	2.86	5	-5.97	-4.30	-0.19	0.27
16	XIBMET	Bromomethane	6.16	2	-3.16	3.94	2	0.00	-5.95	0.00	-0.38
16	XIBMET	Bromomethane	6.22	1	-3.60	0.00	1	0.00	0.00	0.00	-3.60
16	XIBMET	Bromomethane	6.51	11	-1.17	1.40	12	-3.05	-1.00	-0.24	0.35
16	XIBMET	Bromomethane	6.76	3	-2.91	1.20	4	-4.30	-2.27	-2.16	7.27

Results expressed as the ratio: (result-expected)/RMDL

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Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2008H	Styrene	0.80	3	-0.37	0.06	5	-0.40	-0.40	-0.30	-0.10
17	B2008H	Styrene	1.50	2	-0.10	0.28	2	0.00	-0.30	0.00	0.10
17	B2008H	Styrene	1.60	1	-0.60	0.00	1	0.00	0.00	0.00	-0.60
17	B2008H	Styrene	1.80	3	-0.20	0.20	3	0.00	-0.40	-0.20	0.00
17	B2008H	Styrene	1.90	1	-0.10	0.00	1	0.00	0.00	0.00	-0.10
17	B2008H	Styrene	2.20	2	0.20	1.41	2	0.00	-0.80	0.00	1.20
17	B2008H	Styrene	3.00	46	0.21	0.27	51	0.00	0.20	0.40	1.20
17	B2008H	Styrene	3.36	8	-0.30	1.43	8	-1.24	-0.32	0.64	1.20
17	B2008H	Styrene	3.37	2	0.50	0.41	2	0.00	0.21	0.00	0.78
17	B2008H	Styrene	4.00	10	-0.30	0.59	10	-1.00	-0.20	-0.20	0.80
17	B2008H	Styrene	4.20	5	-1.06	0.87	6	-2.22	-1.22	-0.72	2.80
17	B2008H	Styrene	4.34	4	-0.85	1.23	4	-2.62	-0.62	-0.34	0.20
17	B2008H	Styrene	4.60	1	3.60	0.00	1	0.00	0.00	0.00	3.60
17	B2008H	Styrene	4.78	1	1.02	0.00	1	0.00	0.00	0.00	1.02
17	B2008H	Styrene	5.00	1	-2.80	0.00	1	0.00	0.00	0.00	-2.80
17	B2008H	Styrene	5.62	2	-0.49	0.10	2	0.00	-0.56	0.00	-0.42
17	B2008H	Styrene	6.00	8	-0.93	0.62	8	-1.44	-0.98	-0.58	-0.20
17	B2008H	Styrene	6.20	1	-1.60	0.00	1	0.00	0.00	0.00	-1.60
17	B2008H	Styrene	6.34	2	-2.97	0.50	2	0.00	-3.32	0.00	-2.62
17	B2008H	Styrene	6.80	3	-2.33	0.50	3	0.00	-2.80	-2.40	-1.80

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2008H	Styrene	7.00	2	0.80	3.96	2	0.00	-2.00	0.00	3.60
17	B2008H	Styrene	7.60	1	-1.60	0.00	1	0.00	0.00	0.00	-1.60
17	B2008H	Styrene	8.00	28	-0.87	0.67	34	-2.00	-0.80	-0.40	14.00
17	B2008H	Styrene	8.40	2	-1.40	1.13	2	0.00	-2.20	0.00	-0.60
17	B2008H	Styrene	9.00	2	-0.60	0.00	2	0.00	-0.60	0.00	-0.60
17	B2008H	Styrene	10.20	4	-2.80	0.75	5	-3.60	-3.00	-2.80	3.00
17	B2008H	Styrene	11.24	6	-1.05	0.94	6	-2.52	-1.16	-0.84	0.40
17	B2008H	Styrene	12.60	22	-0.92	2.73	22	-4.20	-0.20	0.60	2.40
17	B2008H	Styrene	13.00	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
17	B2008H	Styrene	20.00	25	-2.28	2.69	28	-4.80	-2.40	-0.20	13.60
17	B2008H	Styrene	21.00	1	-20.52	0.00	1	0.00	0.00	0.00	-20.52
17	B2008H	Styrene	21.60	2	8.90	4.67	2	0.00	5.60	0.00	12.20
17	B2008H	Styrene	23.20	1	-0.80	0.00	1	0.00	0.00	0.00	-0.80
17	B2008H	Styrene	25.06	3	-3.06	6.00	3	0.00	-9.06	-3.06	2.94
17	B2008H	Styrene	30.00	1	-18.36	0.00	1	0.00	0.00	0.00	-18.36
17	B2008H	Styrene	40.00	117	-0.07	2.47	127	-2.00	0.00	2.00	10.40
17	B2008H	Styrene	50.00	1	-2.00	0.00	1	0.00	0.00	0.00	-2.00
17	B2008H	Styrene	80.00	9	17.40	27.57	9	-7.20	-3.80	30.00	52.00
17	B2008H	Styrene	80.40	1	-1.80	0.00	1	0.00	0.00	0.00	-1.80
17	B2008H	Styrene	89.80	3	-9.47	5.81	3	0.00	-15.80	-8.20	-4.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2008H	Styrene	90.20	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2008H	Styrene	92.00	5	0.68	1.43	6	-1.20	0.60	1.40	9.30
17	B2008H	Styrene	92.60	2	-1.00	2.83	2	0.00	-3.00	0.00	1.00
17	B2008H	Styrene	100.00	10	0.26	2.40	12	-2.00	1.20	2.00	14.00
17	B2008H	Styrene	125.80	1	-3.20	0.00	1	0.00	0.00	0.00	-3.20
17	B2008H	Styrene	140.00	1	-97.00	0.00	1	0.00	0.00	0.00	-97.00
17	B2008H	Styrene	200.00	4	-7.16	8.59	4	-14.70	-14.04	-2.50	2.60
17	B2008H	Styrene	288.00	1	-6.00	0.00	1	0.00	0.00	0.00	-6.00
17	B2BENZ	Benzene	0.76	3	-0.35	0.02	5	-0.36	-0.36	-0.32	-0.16
17	B2BENZ	Benzene	1.32	2	0.06	0.09	2	0.00	0.00	0.00	0.12
17	B2BENZ	Benzene	1.40	2	-0.14	0.31	2	0.00	-0.36	0.00	0.08
17	B2BENZ	Benzene	1.64	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
17	B2BENZ	Benzene	1.92	2	-0.04	0.17	2	0.00	-0.16	0.00	0.08
17	B2BENZ	Benzene	2.00	3	-0.23	0.17	3	0.00	-0.42	-0.20	-0.08
17	B2BENZ	Benzene	3.72	10	0.38	0.90	10	-0.38	-0.12	1.14	1.66
17	B2BENZ	Benzene	4.00	5	-0.34	1.81	5	-2.74	-1.62	0.00	1.32
17	B2BENZ	Benzene	4.34	4	-2.75	0.26	4	-3.10	-2.80	-2.58	-2.52
17	B2BENZ	Benzene	4.36	1	-2.06	0.00	1	0.00	0.00	0.00	-2.06
17	B2BENZ	Benzene	4.38	1	-1.18	0.00	1	0.00	0.00	0.00	-1.18
17	B2BENZ	Benzene	4.40	29	-0.15	0.15	34	-0.30	-0.16	-0.04	23.60

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2BENZ	Benzene	4.60	2	0.60	1.98	2	0.00	-0.80	0.00	2.00
17	B2BENZ	Benzene	4.64	7	-0.20	0.21	9	-0.32	-0.20	0.00	0.30
17	B2BENZ	Benzene	4.94	2	-0.18	0.00	2	0.00	-0.18	0.00	-0.18
17	B2BENZ	Benzene	5.00	1	-4.24	0.00	1	0.00	0.00	0.00	-4.24
17	B2BENZ	Benzene	5.12	4	0.07	0.13	4	-0.04	-0.04	0.18	0.18
17	B2BENZ	Benzene	5.98	3	-0.85	0.30	3	0.00	-1.04	-1.00	-0.50
17	B2BENZ	Benzene	6.00	9	-1.42	1.06	10	-3.20	-1.62	-1.40	0.12
17	B2BENZ	Benzene	6.16	2	-0.26	0.00	2	0.00	-0.26	0.00	-0.26
17	B2BENZ	Benzene	6.80	3	-3.79	1.38	3	0.00	-5.16	-3.80	-2.40
17	B2BENZ	Benzene	6.95	1	0.31	0.00	1	0.00	0.00	0.00	0.31
17	B2BENZ	Benzene	7.00	1	0.80	0.00	1	0.00	0.00	0.00	0.80
17	B2BENZ	Benzene	7.68	2	-2.20	0.03	2	0.00	-2.22	0.00	-2.18
17	B2BENZ	Benzene	7.80	1	-2.40	0.00	1	0.00	0.00	0.00	-2.40
17	B2BENZ	Benzene	8.00	7	-0.85	0.85	7	-2.00	-1.20	-0.82	0.26
17	B2BENZ	Benzene	8.16	1	0.64	0.00	1	0.00	0.00	0.00	0.64
17	B2BENZ	Benzene	8.40	2	6.90	5.52	2	0.00	3.00	0.00	10.80
17	B2BENZ	Benzene	8.80	3	-3.80	4.05	3	0.00	-8.40	-2.20	-0.80
17	B2BENZ	Benzene	10.00	57	0.25	1.18	59	-0.80	0.40	1.20	3.60
17	B2BENZ	Benzene	11.00	2	-3.70	0.14	2	0.00	-3.80	0.00	-3.60
17	B2BENZ	Benzene	11.20	3	-6.60	1.93	3	0.00	-8.00	-7.40	-4.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2BENZ	Benzene	11.40	8	-1.98	1.81	8	-3.40	-1.60	-0.80	0.20
17	B2BENZ	Benzene	12.00	1	-1.60	0.00	1	0.00	0.00	0.00	-1.60
17	B2BENZ	Benzene	12.60	21	-2.70	3.96	22	-6.00	-4.40	1.20	8.40
17	B2BENZ	Benzene	14.60	2	-7.50	2.12	2	0.00	-9.00	0.00	-6.00
17	B2BENZ	Benzene	16.00	1	1.20	0.00	1	0.00	0.00	0.00	1.20
17	B2BENZ	Benzene	17.28	1	-13.76	0.00	1	0.00	0.00	0.00	-13.76
17	B2BENZ	Benzene	18.00	14	1.32	4.39	14	-5.32	1.00	3.88	7.16
17	B2BENZ	Benzene	18.40	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
17	B2BENZ	Benzene	18.58	7	-12.89	2.62	8	-14.72	-13.78	-10.60	-6.78
17	B2BENZ	Benzene	18.80	3	-7.73	7.91	3	0.00	-15.40	-8.20	0.40
17	B2BENZ	Benzene	18.86	10	-12.68	4.49	10	-17.10	-14.82	-9.84	-5.35
17	B2BENZ	Benzene	20.00	28	0.39	1.96	31	-1.44	0.00	2.00	7.80
17	B2BENZ	Benzene	21.00	1	-20.62	0.00	1	0.00	0.00	0.00	-20.62
17	B2BENZ	Benzene	23.20	1	-1.20	0.00	1	0.00	0.00	0.00	-1.20
17	B2BENZ	Benzene	23.40	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2BENZ	Benzene	24.60	2	2.54	0.54	2	0.00	2.16	0.00	2.92
17	B2BENZ	Benzene	28.00	3	-0.85	3.40	3	0.00	-4.52	-0.24	2.20
17	B2BENZ	Benzene	28.58	2	-1.98	0.00	2	0.00	-1.98	0.00	-1.98
17	B2BENZ	Benzene	28.60	15	-1.31	3.79	15	-5.20	-1.60	2.20	3.60
17	B2BENZ	Benzene	30.00	10	-0.49	3.43	11	-4.20	-1.00	1.80	47.20

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2BENZ	Benzene	31.00	1	4.20	0.00	1	0.00	0.00	0.00	4.20
17	B2BENZ	Benzene	40.00	151	-0.95	3.53	168	-4.00	0.00	2.00	32.00
17	B2BENZ	Benzene	45.40	3	-5.67	2.95	3	0.00	-9.00	-4.60	-3.40
17	B2BENZ	Benzene	45.60	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
17	B2BENZ	Benzene	46.40	7	-0.42	1.24	7	-2.80	-0.60	0.00	1.20
17	B2BENZ	Benzene	46.60	1	-0.92	0.00	1	0.00	0.00	0.00	-0.92
17	B2BENZ	Benzene	60.00	1	-5.80	0.00	1	0.00	0.00	0.00	-5.80
17	B2BENZ	Benzene	79.60	1	-0.80	0.00	1	0.00	0.00	0.00	-0.80
17	B2BENZ	Benzene	80.00	8	-10.10	15.23	9	-22.00	-8.60	-4.00	56.00
17	B2BENZ	Benzene	92.40	1	0.20	0.00	1	0.00	0.00	0.00	0.20
17	B2BENZ	Benzene	100.00	11	10.56	14.17	12	2.00	6.00	21.20	27.60
17	B2BENZ	Benzene	105.20	1	-2.60	0.00	1	0.00	0.00	0.00	-2.60
17	B2BENZ	Benzene	200.00	4	14.91	7.61	4	6.60	12.26	16.06	24.72
17	B2EBNZ	Ethylbenzene	1.67	3	-0.28	0.10	3	0.00	-0.33	-0.33	-0.17
17	B2EBNZ	Ethylbenzene	2.73	6	-1.66	0.39	8	-2.15	-1.47	-1.30	1.18
17	B2EBNZ	Ethylbenzene	3.00	6	-2.24	0.16	9	-2.38	-2.25	-2.05	0.68
17	B2EBNZ	Ethylbenzene	3.33	5	-0.39	0.09	5	-0.55	-0.37	-0.35	-0.33
17	B2EBNZ	Ethylbenzene	3.47	1	-1.13	0.00	1	0.00	0.00	0.00	-1.13
17	B2EBNZ	Ethylbenzene	3.55	1	-1.53	0.00	1	0.00	0.00	0.00	-1.53
17	B2EBNZ	Ethylbenzene	3.83	1	5.33	0.00	1	0.00	0.00	0.00	5.33

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quantiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2EBNZ	Ethylbenzene	3.90	4	-0.94	0.20	4	-1.12	-1.12	-0.77	-0.77
17	B2EBNZ	Ethylbenzene	4.27	3	-0.85	0.29	3	0.00	-1.02	-1.02	-0.52
17	B2EBNZ	Ethylbenzene	4.47	4	-0.55	0.10	4	-0.63	-0.63	-0.47	-0.47
17	B2EBNZ	Ethylbenzene	4.60	4	-0.37	0.14	4	-0.48	-0.48	-0.25	-0.25
17	B2EBNZ	Ethylbenzene	5.00	4	-1.15	1.08	4	-2.62	-1.33	-0.33	-0.33
17	B2EBNZ	Ethylbenzene	5.17	2	-0.60	0.00	2	0.00	-0.60	0.00	-0.60
17	B2EBNZ	Ethylbenzene	6.67	7	-0.97	0.64	8	-1.18	-1.07	-0.20	0.48
17	B2EBNZ	Ethylbenzene	8.17	4	-1.08	1.79	4	-2.83	-2.17	-0.50	1.17
17	B2EBNZ	Ethylbenzene	8.33	18	0.01	0.99	20	-0.83	-0.17	0.67	2.00
17	B2EBNZ	Ethylbenzene	10.50	3	-1.00	3.06	4	-4.33	-0.33	1.67	12.67
17	B2EBNZ	Ethylbenzene	16.58	1	-14.94	0.00	1	0.00	0.00	0.00	-14.94
17	B2EBNZ	Ethylbenzene	17.50	1	-17.10	0.00	1	0.00	0.00	0.00	-17.10
17	B2EBNZ	Ethylbenzene	20.83	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2EBNZ	Ethylbenzene	23.82	2	-2.48	0.00	2	0.00	-2.48	0.00	-2.48
17	B2EBNZ	Ethylbenzene	23.83	14	-1.39	3.22	14	-4.17	-1.83	0.50	3.50
17	B2EBNZ	Ethylbenzene	25.00	9	-7.85	9.45	9	-24.17	-5.67	-2.83	-1.00
17	B2EBNZ	Ethylbenzene	25.58	1	3.42	0.00	1	0.00	0.00	0.00	3.42
17	B2EBNZ	Ethylbenzene	33.33	49	0.05	1.91	55	-1.67	0.00	1.67	8.33
17	B2EBNZ	Ethylbenzene	38.17	3	-5.72	2.38	3	0.00	-8.33	-5.17	-3.67
17	B2EBNZ	Ethylbenzene	38.33	1	-1.67	0.00	1	0.00	0.00	0.00	-1.67

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2EBNZ	Ethylbenzene	38.67	2	-1.75	1.18	2	0.00	-2.58	0.00	-0.92
17	B2EBNZ	Ethylbenzene	39.00	6	-1.51	0.48	6	-2.08	-1.50	-1.50	-0.83
17	B2EBNZ	Ethylbenzene	110.33	1	-17.83	0.00	1	0.00	0.00	0.00	-17.83
17	B2EBNZ	Ethylbenzene	125.67	1	-5.17	0.00	1	0.00	0.00	0.00	-5.17
17	B2MPXY	m-Xylene and p-Xylene	0.66	4	-0.20	0.03	5	-0.24	-0.21	-0.18	-0.11
17	B2MPXY	m-Xylene and p-Xylene	0.79	1	0.09	0.00	1	0.00	0.00	0.00	0.09
17	B2MPXY	m-Xylene and p-Xylene	0.80	1	-0.26	0.00	1	0.00	0.00	0.00	-0.26
17	B2MPXY	m-Xylene and p-Xylene	0.90	2	-0.08	0.11	2	0.00	-0.16	0.00	0.00
17	B2MPXY	m-Xylene and p-Xylene	0.91	1	0.75	0.00	1	0.00	0.00	0.00	0.75
17	B2MPXY	m-Xylene and p-Xylene	0.96	1	0.09	0.00	1	0.00	0.00	0.00	0.09
17	B2MPXY	m-Xylene and p-Xylene	0.97	1	-0.25	0.00	1	0.00	0.00	0.00	-0.25
17	B2MPXY	m-Xylene and p-Xylene	1.00	1	2.18	0.00	1	0.00	0.00	0.00	2.18
17	B2MPXY	m-Xylene and p-Xylene	1.18	1	0.46	0.00	1	0.00	0.00	0.00	0.46
17	B2MPXY	m-Xylene and p-Xylene	1.27	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
17	B2MPXY	m-Xylene and p-Xylene	1.36	40	0.06	0.12	47	0.00	0.09	0.18	0.55
17	B2MPXY	m-Xylene and p-Xylene	1.69	10	0.06	0.33	10	-0.22	-0.05	0.22	0.51
17	B2MPXY	m-Xylene and p-Xylene	1.75	4	0.01	0.15	4	-0.13	-0.13	0.14	0.14
17	B2MPXY	m-Xylene and p-Xylene	1.82	12	-0.21	0.31	12	-0.55	-0.18	-0.09	0.27
17	B2MPXY	m-Xylene and p-Xylene	1.97	4	-0.34	0.55	4	-1.14	-0.24	-0.06	0.08
17	B2MPXY	m-Xylene and p-Xylene	2.05	2	-0.14	0.00	2	0.00	-0.14	0.00	-0.14

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2MPXY	m-Xylene and p-Xylene	2.10	3	-0.26	0.06	3	0.00	-0.33	-0.23	-0.23
17	B2MPXY	m-Xylene and p-Xylene	2.11	4	-0.24	0.07	5	-0.32	-0.27	-0.19	0.02
17	B2MPXY	m-Xylene and p-Xylene	2.27	1	-0.18	0.00	1	0.00	0.00	0.00	-0.18
17	B2MPXY	m-Xylene and p-Xylene	2.35	3	-0.50	0.06	3	0.00	-0.54	-0.54	-0.44
17	B2MPXY	m-Xylene and p-Xylene	2.53	2	-0.37	0.00	2	0.00	-0.37	0.00	-0.37
17	B2MPXY	m-Xylene and p-Xylene	2.73	6	-0.41	0.20	8	-0.50	-0.39	-0.18	2.27
17	B2MPXY	m-Xylene and p-Xylene	3.00	1	3.82	0.00	1	0.00	0.00	0.00	3.82
17	B2MPXY	m-Xylene and p-Xylene	3.05	4	-0.45	0.21	4	-0.63	-0.63	-0.26	-0.26
17	B2MPXY	m-Xylene and p-Xylene	3.09	3	-0.73	0.09	3	0.00	-0.82	-0.73	-0.64
17	B2MPXY	m-Xylene and p-Xylene	3.36	1	0.36	0.00	1	0.00	0.00	0.00	0.36
17	B2MPXY	m-Xylene and p-Xylene	3.43	2	-1.65	0.81	2	0.00	-2.22	0.00	-1.07
17	B2MPXY	m-Xylene and p-Xylene	3.45	4	-1.11	0.54	4	-1.91	-1.00	-0.82	-0.73
17	B2MPXY	m-Xylene and p-Xylene	3.64	2	-0.42	0.46	2	0.00	-0.75	0.00	-0.09
17	B2MPXY	m-Xylene and p-Xylene	3.82	2	0.27	0.26	2	0.00	0.09	0.00	0.46
17	B2MPXY	m-Xylene and p-Xylene	3.85	1	-1.71	0.00	1	0.00	0.00	0.00	-1.71
17	B2MPXY	m-Xylene and p-Xylene	3.91	1	-0.55	0.00	1	0.00	0.00	0.00	-0.55
17	B2MPXY	m-Xylene and p-Xylene	4.18	1	6.91	0.00	1	0.00	0.00	0.00	6.91
17	B2MPXY	m-Xylene and p-Xylene	4.20	7	-0.58	0.46	7	-1.41	-0.71	-0.32	-0.09
17	B2MPXY	m-Xylene and p-Xylene	4.45	2	-0.05	0.00	2	0.00	-0.05	0.00	-0.05
17	B2MPXY	m-Xylene and p-Xylene	4.91	2	-0.59	0.19	2	0.00	-0.73	0.00	-0.46

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2MPXY	m-Xylene and p-Xylene	5.09	2	-0.86	0.96	2	0.00	-1.55	0.00	-0.18
17	B2MPXY	m-Xylene and p-Xylene	5.33	1	0.58	0.00	1	0.00	0.00	0.00	0.58
17	B2MPXY	m-Xylene and p-Xylene	5.36	1	1.09	0.00	1	0.00	0.00	0.00	1.09
17	B2MPXY	m-Xylene and p-Xylene	5.73	17	-0.09	0.49	21	-0.55	-0.27	0.27	6.91
17	B2MPXY	m-Xylene and p-Xylene	5.75	7	-3.65	0.86	8	-4.09	-3.42	-2.88	1.76
17	B2MPXY	m-Xylene and p-Xylene	6.26	1	0.01	0.00	1	0.00	0.00	0.00	0.01
17	B2MPXY	m-Xylene and p-Xylene	6.36	9	-4.22	1.01	10	-5.16	-4.61	-3.14	0.96
17	B2MPXY	m-Xylene and p-Xylene	7.18	1	0.36	0.00	1	0.00	0.00	0.00	0.36
17	B2MPXY	m-Xylene and p-Xylene	7.36	1	-6.73	0.00	1	0.00	0.00	0.00	-6.73
17	B2MPXY	m-Xylene and p-Xylene	7.55	3	0.42	3.42	3	0.00	-2.27	-0.73	4.27
17	B2MPXY	m-Xylene and p-Xylene	7.69	1	-3.69	0.00	1	0.00	0.00	0.00	-3.69
17	B2MPXY	m-Xylene and p-Xylene	8.60	1	4.13	0.00	1	0.00	0.00	0.00	4.13
17	B2MPXY	m-Xylene and p-Xylene	8.91	13	0.89	1.56	13	-1.05	1.32	2.00	2.36
17	B2MPXY	m-Xylene and p-Xylene	9.09	17	6.81	1.80	17	5.46	6.36	8.18	9.09
17	B2MPXY	m-Xylene and p-Xylene	9.55	1	-9.36	0.00	1	0.00	0.00	0.00	-9.36
17	B2MPXY	m-Xylene and p-Xylene	9.75	1	8.43	0.00	1	0.00	0.00	0.00	8.43
17	B2MPXY	m-Xylene and p-Xylene	11.00	2	5.77	0.39	2	0.00	5.50	0.00	6.05
17	B2MPXY	m-Xylene and p-Xylene	11.27	32	-0.60	0.57	34	-1.00	-0.73	-0.09	16.91
17	B2MPXY	m-Xylene and p-Xylene	12.27	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
17	B2MPXY	m-Xylene and p-Xylene	12.73	3	-0.67	1.78	3	0.00	-2.50	-0.55	1.05

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quantiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2MPXY	m-Xylene and p-Xylene	13.64	8	-2.39	1.88	8	-3.91	-2.00	-1.19	-0.27
17	B2MPXY	m-Xylene and p-Xylene	13.86	1	1.68	0.00	1	0.00	0.00	0.00	1.68
17	B2MPXY	m-Xylene and p-Xylene	14.45	3	-2.94	3.04	3	0.00	-5.00	-4.36	0.55
17	B2MPXY	m-Xylene and p-Xylene	18.17	1	-5.45	0.00	1	0.00	0.00	0.00	-5.45
17	B2MPXY	m-Xylene and p-Xylene	18.18	16	-0.71	2.27	19	-2.46	-0.89	1.09	18.18
17	B2MPXY	m-Xylene and p-Xylene	20.91	1	16.36	0.00	1	0.00	0.00	0.00	16.36
17	B2MPXY	m-Xylene and p-Xylene	21.09	1	0.18	0.00	1	0.00	0.00	0.00	0.18
17	B2MPXY	m-Xylene and p-Xylene	23.64	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2MPXY	m-Xylene and p-Xylene	25.55	9	-1.59	3.15	9	-5.18	-1.55	-0.82	3.09
17	B2MPXY	m-Xylene and p-Xylene	26.73	6	-3.08	5.05	6	-12.46	-3.09	-1.09	1.09
17	B2MPXY	m-Xylene and p-Xylene	26.75	2	-2.93	0.00	2	0.00	-2.93	0.00	-2.93
17	B2MPXY	m-Xylene and p-Xylene	27.27	1	-12.73	0.00	1	0.00	0.00	0.00	-12.73
17	B2MPXY	m-Xylene and p-Xylene	36.36	128	-0.55	2.13	144	-2.73	-0.46	0.91	19.09
17	B2MPXY	m-Xylene and p-Xylene	40.45	3	-4.52	2.51	3	0.00	-7.27	-3.91	-2.36
17	B2MPXY	m-Xylene and p-Xylene	40.64	1	-0.27	0.00	1	0.00	0.00	0.00	-0.27
17	B2MPXY	m-Xylene and p-Xylene	41.45	5	-0.20	0.57	6	-0.91	-0.27	0.00	2.36
17	B2MPXY	m-Xylene and p-Xylene	41.55	2	-1.00	1.80	2	0.00	-2.27	0.00	0.27
17	B2MPXY	m-Xylene and p-Xylene	46.36	1	-5.18	0.00	1	0.00	0.00	0.00	-5.18
17	B2MPXY	m-Xylene and p-Xylene	73.09	1	-10.82	0.00	1	0.00	0.00	0.00	-10.82
17	B2MPXY	m-Xylene and p-Xylene	90.91	11	5.60	3.69	15	1.27	5.64	9.09	36.36

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2MPXY	m-Xylene and p-Xylene	100.00	1	-93.64	0.00	1	0.00	0.00	0.00	-93.64
17	B2MPXY	m-Xylene and p-Xylene	130.91	1	-2.73	0.00	1	0.00	0.00	0.00	-2.73
17	B2OXYL	o-Xylene	0.98	4	-0.36	0.03	5	-0.40	-0.34	-0.34	-0.24
17	B2OXYL	o-Xylene	1.14	1	-0.38	0.00	1	0.00	0.00	0.00	-0.38
17	B2OXYL	o-Xylene	1.16	1	0.10	0.00	1	0.00	0.00	0.00	0.10
17	B2OXYL	o-Xylene	1.48	2	-0.16	0.23	2	0.00	-0.32	0.00	0.00
17	B2OXYL	o-Xylene	1.90	1	-0.22	0.00	1	0.00	0.00	0.00	-0.22
17	B2OXYL	o-Xylene	1.92	1	0.06	0.00	1	0.00	0.00	0.00	0.06
17	B2OXYL	o-Xylene	2.00	3	-0.31	0.24	3	0.00	-0.58	-0.18	-0.16
17	B2OXYL	o-Xylene	2.60	2	0.70	1.84	2	0.00	-0.60	0.00	2.00
17	B2OXYL	o-Xylene	2.64	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
17	B2OXYL	o-Xylene	3.00	46	0.24	0.24	48	0.00	0.20	0.40	1.20
17	B2OXYL	o-Xylene	3.72	9	-0.34	1.35	10	-1.40	-0.42	0.72	3.50
17	B2OXYL	o-Xylene	3.80	3	-0.49	0.81	3	0.00	-0.96	-0.96	0.44
17	B2OXYL	o-Xylene	3.90	7	-1.95	0.25	8	-2.16	-2.04	-1.74	2.06
17	B2OXYL	o-Xylene	4.00	12	-0.26	0.56	12	-0.88	-0.40	0.20	0.40
17	B2OXYL	o-Xylene	4.12	4	-0.85	0.36	4	-1.16	-1.16	-0.54	-0.54
17	B2OXYL	o-Xylene	4.24	3	-0.30	0.14	3	0.00	-0.46	-0.22	-0.22
17	B2OXYL	o-Xylene	4.34	5	-0.99	1.18	5	-2.44	-2.06	-0.56	0.14
17	B2OXYL	o-Xylene	4.36	4	-0.17	0.13	4	-0.28	-0.28	-0.06	-0.06

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2OXYL	o-Xylene	4.40	1	-2.20	0.00	1	0.00	0.00	0.00	-2.20
17	B2OXYL	o-Xylene	4.44	9	-2.70	0.76	10	-3.30	-2.88	-1.88	0.87
17	B2OXYL	o-Xylene	4.60	2	0.80	0.57	2	0.00	0.40	0.00	1.20
17	B2OXYL	o-Xylene	4.64	4	-0.44	0.19	5	-0.62	-0.56	-0.34	-0.12
17	B2OXYL	o-Xylene	4.96	2	-0.30	0.00	2	0.00	-0.30	0.00	-0.30
17	B2OXYL	o-Xylene	5.00	1	-0.40	0.00	1	0.00	0.00	0.00	-0.40
17	B2OXYL	o-Xylene	5.48	2	-0.62	0.00	2	0.00	-0.62	0.00	-0.62
17	B2OXYL	o-Xylene	6.00	6	-1.23	0.48	8	-1.60	-1.10	-0.60	1.60
17	B2OXYL	o-Xylene	6.40	2	-0.06	0.00	2	0.00	-0.06	0.00	-0.06
17	B2OXYL	o-Xylene	6.80	3	-1.93	0.12	3	0.00	-2.00	-2.00	-1.80
17	B2OXYL	o-Xylene	7.08	1	-0.52	0.00	1	0.00	0.00	0.00	-0.52
17	B2OXYL	o-Xylene	7.60	4	-1.90	1.51	4	-3.80	-2.20	-1.40	-0.20
17	B2OXYL	o-Xylene	7.70	2	-3.77	0.58	2	0.00	-4.18	0.00	-3.36
17	B2OXYL	o-Xylene	7.80	3	2.73	5.52	3	0.00	-2.00	1.40	8.80
17	B2OXYL	o-Xylene	8.40	2	0.40	0.57	2	0.00	0.00	0.00	0.80
17	B2OXYL	o-Xylene	8.48	7	-0.95	0.81	7	-2.34	-1.16	-0.34	-0.14
17	B2OXYL	o-Xylene	8.80	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
17	B2OXYL	o-Xylene	10.00	2	-5.49	4.94	2	0.00	-8.98	0.00	-2.00
17	B2OXYL	o-Xylene	10.20	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
17	B2OXYL	o-Xylene	11.00	2	-0.90	0.42	2	0.00	-1.20	0.00	-0.60

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2OXYL	o-Xylene	11.40	2	-2.00	2.26	2	0.00	-3.60	0.00	-0.40
17	B2OXYL	o-Xylene	12.00	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
17	B2OXYL	o-Xylene	12.60	18	0.10	1.19	22	-1.60	-0.20	0.60	26.40
17	B2OXYL	o-Xylene	16.00	32	-1.03	0.67	34	-1.60	-1.20	-0.20	24.00
17	B2OXYL	o-Xylene	16.20	4	-2.15	4.61	4	-7.40	-4.60	1.20	2.20
17	B2OXYL	o-Xylene	19.60	1	10.40	0.00	1	0.00	0.00	0.00	10.40
17	B2OXYL	o-Xylene	20.00	27	-0.95	1.73	30	-2.40	-1.00	0.00	7.80
17	B2OXYL	o-Xylene	21.00	1	-20.62	0.00	1	0.00	0.00	0.00	-20.62
17	B2OXYL	o-Xylene	21.86	3	-5.06	2.80	3	0.00	-7.06	-6.26	-1.86
17	B2OXYL	o-Xylene	23.20	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
17	B2OXYL	o-Xylene	27.00	13	-0.13	3.80	13	-5.40	0.90	1.80	3.40
17	B2OXYL	o-Xylene	28.00	3	1.93	4.41	3	0.00	-2.30	1.60	6.50
17	B2OXYL	o-Xylene	29.40	2	7.80	0.42	2	0.00	7.50	0.00	8.10
17	B2OXYL	o-Xylene	30.00	8	-3.93	4.46	9	-13.76	-4.20	-2.00	-0.24
17	B2OXYL	o-Xylene	30.60	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2OXYL	o-Xylene	31.00	1	3.80	0.00	1	0.00	0.00	0.00	3.80
17	B2OXYL	o-Xylene	31.80	1	-15.60	0.00	1	0.00	0.00	0.00	-15.60
17	B2OXYL	o-Xylene	33.12	2	-2.12	0.00	2	0.00	-2.12	0.00	-2.12
17	B2OXYL	o-Xylene	33.20	13	-1.91	3.95	13	-6.00	-2.60	-0.40	4.80
17	B2OXYL	o-Xylene	40.00	123	-0.09	2.26	137	-2.00	0.00	2.00	44.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2OXYL	o-Xylene	46.00	1	-2.00	0.00	1	0.00	0.00	0.00	-2.00
17	B2OXYL	o-Xylene	46.40	2	-15.80	5.37	2	0.00	-19.60	0.00	-12.00
17	B2OXYL	o-Xylene	60.00	1	-37.60	0.00	1	0.00	0.00	0.00	-37.60
17	B2OXYL	o-Xylene	80.00	9	15.73	29.34	9	-12.60	-6.20	30.00	52.00
17	B2OXYL	o-Xylene	80.40	1	-5.40	0.00	1	0.00	0.00	0.00	-5.40
17	B2OXYL	o-Xylene	89.80	3	-9.47	5.81	3	0.00	-15.80	-8.20	-4.40
17	B2OXYL	o-Xylene	90.20	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2OXYL	o-Xylene	92.00	5	0.68	1.43	6	-1.20	0.60	1.40	9.30
17	B2OXYL	o-Xylene	92.60	2	-1.00	2.83	2	0.00	-3.00	0.00	1.00
17	B2OXYL	o-Xylene	100.00	12	11.01	10.93	12	0.80	10.00	16.00	28.00
17	B2OXYL	o-Xylene	102.00	1	-11.40	0.00	1	0.00	0.00	0.00	-11.40
17	B2OXYL	o-Xylene	200.00	4	57.69	59.25	4	1.96	11.36	102.70	114.72
17	B2OXYL	o-Xylene	250.60	1	-25.00	0.00	1	0.00	0.00	0.00	-25.00
17	B2TOLU	Toluene	1.20	2	-0.30	0.20	2	0.00	-0.44	0.00	-0.16
17	B2TOLU	Toluene	1.30	1	-0.46	0.00	1	0.00	0.00	0.00	-0.46
17	B2TOLU	Toluene	1.32	1	0.32	0.00	1	0.00	0.00	0.00	0.32
17	B2TOLU	Toluene	1.48	3	-0.21	0.13	3	0.00	-0.36	-0.16	-0.12
17	B2TOLU	Toluene	1.50	1	-0.34	0.00	1	0.00	0.00	0.00	-0.34
17	B2TOLU	Toluene	1.52	2	-0.32	0.45	2	0.00	-0.64	0.00	0.00
17	B2TOLU	Toluene	1.60	6	-0.81	0.24	6	-1.24	-0.80	-0.80	-0.56

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2TOLU	Toluene	1.76	1	-0.60	0.00	1	0.00	0.00	0.00	-0.60
17	B2TOLU	Toluene	1.84	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
17	B2TOLU	Toluene	1.88	1	0.12	0.00	1	0.00	0.00	0.00	0.12
17	B2TOLU	Toluene	2.00	3	-0.09	0.05	3	0.00	-0.14	-0.08	-0.04
17	B2TOLU	Toluene	2.20	1	-1.40	0.00	1	0.00	0.00	0.00	-1.40
17	B2TOLU	Toluene	3.60	1	7.14	0.00	1	0.00	0.00	0.00	7.14
17	B2TOLU	Toluene	3.72	9	0.80	0.57	13	0.34	0.80	1.24	47.48
17	B2TOLU	Toluene	3.80	1	-1.60	0.00	1	0.00	0.00	0.00	-1.60
17	B2TOLU	Toluene	4.00	26	-0.13	0.50	31	-0.40	-0.26	0.38	7.60
17	B2TOLU	Toluene	4.18	1	-1.38	0.00	1	0.00	0.00	0.00	-1.38
17	B2TOLU	Toluene	4.20	1	-0.80	0.00	1	0.00	0.00	0.00	-0.80
17	B2TOLU	Toluene	4.26	1	-1.78	0.00	1	0.00	0.00	0.00	-1.78
17	B2TOLU	Toluene	4.34	4	-0.40	1.28	4	-2.10	-0.64	0.40	0.76
17	B2TOLU	Toluene	4.38	2	-0.20	0.00	2	0.00	-0.20	0.00	-0.20
17	B2TOLU	Toluene	4.60	3	1.13	3.18	3	0.00	-0.70	-0.70	4.80
17	B2TOLU	Toluene	4.64	8	-0.23	0.24	10	-0.40	-0.24	-0.08	2.74
17	B2TOLU	Toluene	4.76	4	0.36	0.14	4	0.24	0.24	0.48	0.48
17	B2TOLU	Toluene	4.80	4	0.14	0.66	4	-0.44	-0.44	0.70	0.72
17	B2TOLU	Toluene	5.00	1	-0.40	0.00	1	0.00	0.00	0.00	-0.40
17	B2TOLU	Toluene	5.20	2	-1.10	0.14	2	0.00	-1.20	0.00	-1.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	BZTOLU	Toluene	5.44	4	-0.54	0.32	5	-0.82	-0.82	-0.26	0.48
17	BZTOLU	Toluene	6.00	7	-1.38	0.40	8	-2.26	-1.22	-1.20	-1.16
17	BZTOLU	Toluene	6.40	2	196.60	80.61	2	0.00	139.60	0.00	253.60
17	BZTOLU	Toluene	6.80	3	-0.47	2.39	3	0.00	-3.20	0.60	1.20
17	BZTOLU	Toluene	6.82	2	-2.94	1.19	2	0.00	-3.78	0.00	-2.10
17	BZTOLU	Toluene	6.90	1	3.30	0.00	1	0.00	0.00	0.00	3.30
17	BZTOLU	Toluene	7.20	8	-2.41	1.41	8	-3.80	-3.44	-1.34	-0.78
17	BZTOLU	Toluene	7.60	1	0.60	0.00	1	0.00	0.00	0.00	0.60
17	BZTOLU	Toluene	8.00	9	-1.18	0.82	9	-2.30	-1.16	-0.92	-0.26
17	BZTOLU	Toluene	8.40	2	1.20	0.85	2	0.00	0.60	0.00	1.80
17	BZTOLU	Toluene	8.48	1	-1.98	0.00	1	0.00	0.00	0.00	-1.98
17	BZTOLU	Toluene	10.00	59	0.57	1.06	64	-0.20	0.40	1.40	5.80
17	BZTOLU	Toluene	11.20	3	-3.47	1.82	3	0.00	-5.40	-3.20	-1.80
17	BZTOLU	Toluene	12.60	17	0.29	1.81	22	-2.00	0.00	0.80	8.00
17	BZTOLU	Toluene	14.60	2	-2.60	3.68	2	0.00	-5.20	0.00	0.00
17	BZTOLU	Toluene	19.00	14	0.79	3.68	14	-4.30	2.30	3.10	4.70
17	BZTOLU	Toluene	19.89	6	-16.75	1.35	9	-17.75	-16.99	-15.01	-6.84
17	BZTOLU	Toluene	20.00	31	-4.51	8.55	31	-19.00	-1.80	0.68	8.80
17	BZTOLU	Toluene	21.00	1	-20.52	0.00	1	0.00	0.00	0.00	-20.52
17	BZTOLU	Toluene	21.08	3	27.59	9.45	3	0.00	16.92	30.92	34.92

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	B2TOLU	Toluene	22.38	7	-14.67	4.28	8	-17.26	-14.54	-10.16	77.88
17	B2TOLU	Toluene	23.20	1	5.00	0.00	1	0.00	0.00	0.00	5.00
17	B2TOLU	Toluene	25.20	1	0.00	0.00	1	0.00	0.00	0.00	0.00
17	B2TOLU	Toluene	27.00	2	4.20	0.28	2	0.00	4.00	0.00	4.40
17	B2TOLU	Toluene	28.00	3	-0.90	2.25	3	0.00	-3.50	0.30	0.50
17	B2TOLU	Toluene	28.58	2	-7.38	0.00	2	0.00	-7.38	0.00	-7.38
17	B2TOLU	Toluene	28.60	15	-2.31	3.62	15	-6.20	-3.40	-1.00	3.60
17	B2TOLU	Toluene	30.00	11	-3.63	4.86	11	-8.60	-4.00	-1.20	2.00
17	B2TOLU	Toluene	31.00	1	4.20	0.00	1	0.00	0.00	0.00	4.20
17	B2TOLU	Toluene	40.00	129	-3.83	3.27	144	-6.40	-4.00	-2.00	9.00
17	B2TOLU	Toluene	44.00	3	-6.13	2.91	3	0.00	-9.40	-5.20	-3.80
17	B2TOLU	Toluene	44.20	1	59.40	0.00	1	0.00	0.00	0.00	59.40
17	B2TOLU	Toluene	45.20	5	-1.26	0.70	6	-2.00	-1.52	-0.96	0.12
17	B2TOLU	Toluene	46.40	1	0.28	0.00	1	0.00	0.00	0.00	0.28
17	B2TOLU	Toluene	46.60	1	-1.96	0.00	1	0.00	0.00	0.00	-1.96
17	B2TOLU	Toluene	58.00	1	-30.00	0.00	1	0.00	0.00	0.00	-30.00
17	B2TOLU	Toluene	60.00	1	-23.80	0.00	1	0.00	0.00	0.00	-23.80
17	B2TOLU	Toluene	80.00	9	-19.89	15.09	9	-32.00	-28.00	-8.80	-3.20
17	B2TOLU	Toluene	80.40	1	-1.80	0.00	1	0.00	0.00	0.00	-1.80
17	B2TOLU	Toluene	100.00	10	3.94	3.67	12	2.00	4.00	7.20	23.20

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
17	BZTOLU	Toluene	122.80	1	-1.40	0.00	1	0.00	0.00	0.00	-1.40
17	BZTOLU	Toluene	139.80	1	-1.00	0.00	1	0.00	0.00	0.00	-1.00
17	BZTOLU	Toluene	200.00	4	10.59	9.32	4	-2.14	9.46	16.78	18.26

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
18	X1ACRO	Acrolein	0.25	1	0.50	0.00	1	0.00	0.00	0.00	0.50
18	X1ACRO	Acrolein	0.51	1	0.24	0.00	1	0.00	0.00	0.00	0.24
18	X1ACRO	Acrolein	0.83	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
18	X1ACRO	Acrolein	1.05	1	0.28	0.00	1	0.00	0.00	0.00	0.28
18	X1ACRO	Acrolein	1.22	3	-0.95	0.03	3	0.00	-0.97	-0.97	-0.92
18	X1ACRO	Acrolein	1.50	1	3.60	0.00	1	0.00	0.00	0.00	3.60
18	X1ACRO	Acrolein	1.53	2	-0.78	0.00	2	0.00	-0.78	0.00	-0.78
18	X1ACRO	Acrolein	2.35	1	-1.23	0.00	1	0.00	0.00	0.00	-1.23
18	X1ACRO	Acrolein	2.50	1	-1.50	0.00	1	0.00	0.00	0.00	-1.50
18	X1ACRO	Acrolein	2.90	1	-0.90	0.00	1	0.00	0.00	0.00	-0.90
18	X1ACRO	Acrolein	3.40	1	-2.40	0.00	1	0.00	0.00	0.00	-2.40
18	X1ACRO	Acrolein	3.40	2	0.22	0.16	2	0.00	0.11	0.00	0.33
18	X1ACRO	Acrolein	3.64	2	-2.79	0.14	2	0.00	-2.89	0.00	-2.69
18	X1ACRO	Acrolein	4.25	2	-3.25	0.00	2	0.00	-3.25	0.00	-3.25
18	X1ACRO	Acrolein	4.95	2	-0.63	0.44	2	0.00	-0.95	0.00	-0.32
18	X1ACRO	Acrolein	5.00	40	-2.87	1.43	42	-4.35	-2.95	-1.55	3.40
18	X1ACRO	Acrolein	5.15	34	-3.06	1.26	34	-4.50	-2.68	-2.08	-1.63
18	X1ACRO	Acrolein	5.55	1	-0.15	0.00	1	0.00	0.00	0.00	-0.15
18	X1ACRO	Acrolein	5.83	1	0.98	0.00	1	0.00	0.00	0.00	0.98
18	X1ACRO	Acrolein	6.23	1	-5.23	0.00	1	0.00	0.00	0.00	-5.23

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
18	X1ACRO	Acrolein	7.80	1	-7.55	0.00	1	0.00	0.00	0.00	-7.55
18	X1ACRO	Acrolein	7.84	4	-6.96	0.51	5	-7.59	-6.97	-6.96	-5.91
18	X1ACRO	Acrolein	10.00	2	-5.30	1.17	2	0.00	-6.13	0.00	-4.48
18	X1ACRO	Acrolein	10.50	4	-0.75	0.46	4	-1.25	-1.00	-0.50	-0.25
18	X1ACRO	Acrolein	12.50	2	-4.13	1.24	2	0.00	-5.00	0.00	-3.25
18	X1ACRO	Acrolein	19.35	1	-18.35	0.00	1	0.00	0.00	0.00	-18.35
18	X1ACRO	Acrolein	19.60	1	-19.35	0.00	1	0.00	0.00	0.00	-19.35
18	X1ACRO	Acrolein	20.00	1	10.00	0.00	1	0.00	0.00	0.00	10.00
18	X1ACRO	Acrolein	25.00	67	-8.43	6.74	69	-15.50	-7.50	-4.50	5.00
18	X1ACRO	Acrolein	37.50	3	-25.77	2.40	4	-28.12	-25.85	-23.33	-17.38
18	X1ACRO	Acrolein	64.50	1	-5.50	0.00	1	0.00	0.00	0.00	-5.50
18	X1ACRO	Acrolein	64.75	1	-50.23	0.00	1	0.00	0.00	0.00	-50.23
18	X1ACRY	Acrylonitrile	0.36	1	0.49	0.00	1	0.00	0.00	0.00	0.49
18	X1ACRY	Acrylonitrile	0.62	1	-0.17	0.00	1	0.00	0.00	0.00	-0.17
18	X1ACRY	Acrylonitrile	0.87	1	0.27	0.00	1	0.00	0.00	0.00	0.27
18	X1ACRY	Acrylonitrile	0.89	6	0.08	0.40	6	-0.53	-0.07	0.27	0.50
18	X1ACRY	Acrylonitrile	0.89	1	0.15	0.00	1	0.00	0.00	0.00	0.15
18	X1ACRY	Acrylonitrile	0.98	1	-0.48	0.00	1	0.00	0.00	0.00	-0.48
18	X1ACRY	Acrylonitrile	1.11	3	-0.46	0.38	3	0.00	-0.84	-0.44	-0.09
18	X1ACRY	Acrylonitrile	1.31	2	0.00	0.17	2	0.00	-0.12	0.00	0.12

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
18	X1ACRY	Acrylonitrile	1.36	1	0.93	0.00	1	0.00	0.00	0.00	0.93
18	X1ACRY	Acrylonitrile	2.24	1	-0.76	0.00	1	0.00	0.00	0.00	-0.76
18	X1ACRY	Acrylonitrile	2.38	39	0.09	0.32	43	-0.14	0.10	0.38	2.74
18	X1ACRY	Acrylonitrile	2.50	2	0.83	1.86	2	0.00	-0.48	0.00	2.14
18	X1ACRY	Acrylonitrile	2.76	1	0.12	0.00	1	0.00	0.00	0.00	0.12
18	X1ACRY	Acrylonitrile	2.82	2	-0.88	0.02	2	0.00	-0.89	0.00	-0.87
18	X1ACRY	Acrylonitrile	3.95	1	-0.52	0.00	1	0.00	0.00	0.00	-0.52
18	X1ACRY	Acrylonitrile	4.57	32	-0.47	0.28	34	-0.69	-0.45	-0.19	4.71
18	X1ACRY	Acrylonitrile	4.76	1	-4.07	0.00	1	0.00	0.00	0.00	-4.07
18	X1ACRY	Acrylonitrile	4.95	2	-1.60	0.88	2	0.00	-2.21	0.00	-0.98
18	X1ACRY	Acrylonitrile	5.19	2	-0.29	0.79	2	0.00	-0.85	0.00	0.27
18	X1ACRY	Acrylonitrile	5.43	2	-0.68	1.84	2	0.00	-1.98	0.00	0.62
18	X1ACRY	Acrylonitrile	5.55	1	7327.79	0.00	1	0.00	0.00	0.00	7327.79
18	X1ACRY	Acrylonitrile	6.02	1	-1.98	0.00	1	0.00	0.00	0.00	-1.98
18	X1ACRY	Acrylonitrile	6.36	1	1.36	0.00	1	0.00	0.00	0.00	1.36
18	X1ACRY	Acrylonitrile	7.26	1	-3.07	0.00	1	0.00	0.00	0.00	-3.07
18	X1ACRY	Acrylonitrile	9.52	2	-3.61	5.24	2	0.00	-7.31	0.00	0.10
18	X1ACRY	Acrylonitrile	9.60	4	-0.88	0.42	4	-1.38	-1.02	-0.67	-0.43
18	X1ACRY	Acrylonitrile	11.90	2	-4.17	0.51	2	0.00	-4.52	0.00	-3.81
18	X1ACRY	Acrylonitrile	12.19	1	-4.93	0.00	1	0.00	0.00	0.00	-4.93

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
18	X1ACRY	Acrylonitrile	19.05	1	7.14	0.00	1	0.00	0.00	0.00	7.14
18	X1ACRY	Acrylonitrile	23.81	42	-0.57	0.80	69	-1.67	-0.24	0.00	7.14
18	X1ACRY	Acrylonitrile	35.71	3	-1.34	0.92	4	-2.40	-0.81	-0.81	1.60
18	X1ACRY	Acrylonitrile	48.10	1	4.52	0.00	1	0.00	0.00	0.00	4.52
18	X1ACRY	Acrylonitrile	80.00	1	2.31	0.00	1	0.00	0.00	0.00	2.31

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	N1DPHA	Diphenylamine	0.01	3	0.10	0.04	3	0.00	0.05	0.13	0.13
19	N1DPHA	Diphenylamine	0.09	1	0.02	0.00	1	0.00	0.00	0.00	0.02
19	N1DPHA	Diphenylamine	0.14	1	-0.02	0.00	1	0.00	0.00	0.00	-0.02
19	N1DPHA	Diphenylamine	0.17	3	-0.06	0.03	3	0.00	-0.08	-0.07	-0.02
19	N1DPHA	Diphenylamine	0.22	5	-0.09	0.02	5	-0.12	-0.09	-0.08	-0.07
19	N1DPHA	Diphenylamine	0.25	1	-0.09	0.00	1	0.00	0.00	0.00	-0.09
19	N1DPHA	Diphenylamine	0.29	6	0.03	0.10	6	-0.12	-0.01	0.05	0.13
19	N1DPHA	Diphenylamine	0.36	33	-0.01	0.01	39	-0.02	-0.01	-0.01	0.11
19	N1DPHA	Diphenylamine	0.57	2	-0.07	0.30	2	0.00	-0.28	0.00	0.14
19	N1DPHA	Diphenylamine	0.71	19	-0.13	0.27	21	-0.24	-0.11	0.14	1.14
19	N1DPHA	Diphenylamine	0.79	1	0.21	0.00	1	0.00	0.00	0.00	0.21
19	N1DPHA	Diphenylamine	0.79	2	-0.35	0.33	2	0.00	-0.59	0.00	-0.11
19	N1DPHA	Diphenylamine	0.80	2	-0.37	0.13	2	0.00	-0.46	0.00	-0.28
19	N1DPHA	Diphenylamine	0.81	2	-0.29	0.00	2	0.00	-0.29	0.00	-0.29
19	N1DPHA	Diphenylamine	0.89	32	-0.07	0.15	34	-0.21	-0.09	0.02	0.29
19	N1DPHA	Diphenylamine	1.43	110	-0.60	0.38	114	-0.89	-0.57	-0.36	2.74
19	N1DPHA	Diphenylamine	1.53	4	-0.38	0.20	4	-0.59	-0.49	-0.34	-0.12
19	N1DPHA	Diphenylamine	2.14	4	0.27	0.62	4	-0.66	0.49	0.63	0.63
19	N1DPHA	Diphenylamine	3.06	2	-0.94	0.05	2	0.00	-0.98	0.00	-0.91
19	N1DPHA	Diphenylamine	3.57	4	-0.21	0.44	5	-0.66	-0.51	0.13	40.71

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	N1DPHA	Diphenylamine	3.64	1	2.36	0.00	1	0.00	0.00	0.00	2.36
19	N1DPHA	Diphenylamine	11.46	3	-6.67	0.96	4	-7.46	-6.96	-5.60	-3.60
19	N1DPHA	Diphenylamine	114.29	2	-34.64	107.58	2	0.00	-110.71	0.00	41.43
19	PM24DT	2,4-Dinitrotoluene	0.16	2	0.46	0.00	2	0.00	0.46	0.00	0.46
19	PM24DT	2,4-Dinitrotoluene	0.23	1	0.40	0.00	1	0.00	0.00	0.00	0.40
19	PM24DT	2,4-Dinitrotoluene	1.50	4	-0.46	0.36	4	-0.86	-0.66	-0.19	-0.13
19	PM24DT	2,4-Dinitrotoluene	2.50	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
19	PM24DT	2,4-Dinitrotoluene	4.00	3	-2.00	0.00	5	-2.00	-2.00	-2.00	-1.75
19	PM24DT	2,4-Dinitrotoluene	4.06	1	-3.44	0.00	1	0.00	0.00	0.00	-3.44
19	PM24DT	2,4-Dinitrotoluene	5.00	6	1.48	1.77	6	-0.88	1.59	2.00	3.28
19	PM24DT	2,4-Dinitrotoluene	6.25	5	0.87	1.15	5	-0.75	0.75	0.86	2.50
19	PM24DT	2,4-Dinitrotoluene	10.00	5	2.44	4.58	6	-3.48	2.00	2.50	20.00
19	PM24DT	2,4-Dinitrotoluene	12.50	35	0.00	2.12	39	-2.75	-0.13	1.25	7.50
19	PM24DT	2,4-Dinitrotoluene	13.75	1	8.75	0.00	1	0.00	0.00	0.00	8.75
19	PM24DT	2,4-Dinitrotoluene	13.88	2	-2.38	3.18	2	0.00	-4.63	0.00	-0.13
19	PM24DT	2,4-Dinitrotoluene	14.00	2	-3.56	0.80	2	0.00	-4.13	0.00	-3.00
19	PM24DT	2,4-Dinitrotoluene	15.63	37	-1.15	2.14	37	-3.13	-1.75	0.50	3.13
19	PM24DT	2,4-Dinitrotoluene	25.00	139	-2.17	4.95	147	-6.25	-2.50	1.94	8.25
19	PM24DT	2,4-Dinitrotoluene	31.25	4	11.38	5.71	4	4.88	9.88	12.13	18.63
19	PM24DT	2,4-Dinitrotoluene	62.50	2	336.88	460.50	2	0.00	11.25	0.00	662.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PM24DT	2,4-Dinitrotoluene	79.01	3	-44.43	3.15	4	-47.76	-44.01	-41.51	-24.01
19	PM24DT	2,4-Dinitrotoluene	1,000.00	2	-206.25	44.19	2	0.00	-237.50	0.00	-175.00
19	PM26DT	2,6-Dinitrotoluene	0.19	3	0.67	0.00	3	0.00	0.67	0.67	0.67
19	PM26DT	2,6-Dinitrotoluene	1.71	3	-0.67	0.35	4	-1.01	-0.67	-0.31	1.17
19	PM26DT	2,6-Dinitrotoluene	2.86	1	-0.34	0.00	1	0.00	0.00	0.00	-0.34
19	PM26DT	2,6-Dinitrotoluene	4.43	4	-2.46	0.29	5	-2.71	-2.71	-2.29	-1.86
19	PM26DT	2,6-Dinitrotoluene	4.64	1	-3.31	0.00	1	0.00	0.00	0.00	-3.31
19	PM26DT	2,6-Dinitrotoluene	5.71	6	1.62	1.76	6	-1.14	1.34	1.43	3.54
19	PM26DT	2,6-Dinitrotoluene	7.14	5	0.17	1.45	5	-2.00	-0.14	0.43	2.00
19	PM26DT	2,6-Dinitrotoluene	11.43	5	2.00	3.00	6	-3.26	3.29	3.64	17.14
19	PM26DT	2,6-Dinitrotoluene	14.29	34	-1.21	1.90	39	-4.14	-1.29	0.00	7.14
19	PM26DT	2,6-Dinitrotoluene	15.71	1	7.14	0.00	1	0.00	0.00	0.00	7.14
19	PM26DT	2,6-Dinitrotoluene	15.86	2	2.71	0.00	2	0.00	2.71	0.00	2.71
19	PM26DT	2,6-Dinitrotoluene	16.00	2	-4.14	1.01	2	0.00	-4.86	0.00	-3.43
19	PM26DT	2,6-Dinitrotoluene	17.86	36	-2.58	2.70	37	-5.00	-2.71	-1.00	1.86
19	PM26DT	2,6-Dinitrotoluene	21.43	34	-0.13	0.93	34	-1.00	-0.14	0.86	1.14
19	PM26DT	2,6-Dinitrotoluene	28.57	96	-4.67	3.58	113	-7.14	-4.29	-1.43	29.33
19	PM26DT	2,6-Dinitrotoluene	35.71	4	11.00	6.24	4	3.57	8.14	15.57	16.71
19	PM26DT	2,6-Dinitrotoluene	71.43	1	671.43	0.00	1	0.00	0.00	0.00	671.43
19	PM26DT	2,6-Dinitrotoluene	74.29	1	42.86	0.00	1	0.00	0.00	0.00	42.86

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PM26DT	2,6-Dinitrotoluene	105.84	3	-49.65	9.72	3	0.00	-57.27	-52.99	-38.70
19	PM26DT	2,6-Dinitrotoluene	107.27	1	-54.41	0.00	1	0.00	0.00	0.00	-54.41
19	PM26DT	2,6-Dinitrotoluene	1,142.86	2	-128.57	80.81	2	0.00	-185.71	0.00	-71.43
19	PM4BPE	4-Bromophenyl phenyl ether	0.50	3	0.61	0.19	3	0.00	0.50	0.50	0.83
19	PM4BPE	4-Bromophenyl phenyl ether	4.00	4	-0.98	1.05	4	-2.03	-1.73	-0.20	0.03
19	PM4BPE	4-Bromophenyl phenyl ether	6.67	1	-1.50	0.00	1	0.00	0.00	0.00	-1.50
19	PM4BPE	4-Bromophenyl phenyl ether	10.42	5	-2.80	1.14	5	-4.82	-2.55	-2.38	-2.12
19	PM4BPE	4-Bromophenyl phenyl ether	12.50	1	-10.13	0.00	1	0.00	0.00	0.00	-10.13
19	PM4BPE	4-Bromophenyl phenyl ether	13.33	6	3.61	2.03	6	1.33	2.07	5.13	6.00
19	PM4BPE	4-Bromophenyl phenyl ether	16.67	36	-0.60	0.88	39	-1.33	-0.67	0.00	5.33
19	PM4BPE	4-Bromophenyl phenyl ether	26.67	5	3.99	4.19	6	-2.33	3.57	7.63	60.00
19	PM4BPE	4-Bromophenyl phenyl ether	33.33	30	-2.59	6.23	35	-10.00	-1.67	1.33	16.67
19	PM4BPE	4-Bromophenyl phenyl ether	36.67	1	3.33	0.00	1	0.00	0.00	0.00	3.33
19	PM4BPE	4-Bromophenyl phenyl ether	37.00	2	8.00	7.07	2	0.00	3.00	0.00	13.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PM4BPE	4-Bromophenyl phenyl ether	37.33	2	-5.17	8.25	2	0.00	-11.00	0.00	0.67
19	PM4BPE	4-Bromophenyl phenyl ether	41.67	32	-5.64	2.49	35	-8.33	-5.67	-3.67	3.00
19	PM4BPE	4-Bromophenyl phenyl ether	66.67	96	-11.81	8.55	113	-20.00	-13.33	-6.67	40.00
19	PM4BPE	4-Bromophenyl phenyl ether	83.33	3	-28.45	15.34	4	-43.67	-28.67	-13.00	37.67
19	PM4BPE	4-Bromophenyl phenyl ether	166.67	1	733.33	0.00	1	0.00	0.00	0.00	733.33
19	PM4BPE	4-Bromophenyl phenyl ether	170.00	1	-3.33	0.00	1	0.00	0.00	0.00	-3.33
19	PM4BPE	4-Bromophenyl phenyl ether	197.67	3	-128.78	12.62	4	-137.67	-134.33	-114.33	-84.33
19	PM4BPE	4-Bromophenyl phenyl ether	666.67	3	-636.27	7.57	4	-644.97	-632.60	-631.23	-196.87
19	PM4BPE	4-Bromophenyl phenyl ether	2,666.67	2	-50.00	117.85	2	0.00	-133.33	0.00	33.33
19	PM4CPE	4-Chlorophenyl phenyl ether	0.13	3	0.87	0.00	3	0.00	0.87	0.87	0.87
19	PM4CPE	4-Chlorophenyl phenyl ether	1.33	4	-0.34	0.34	4	-0.68	-0.59	-0.09	0.00
19	PM4CPE	4-Chlorophenyl phenyl ether	2.22	1	-0.03	0.00	1	0.00	0.00	0.00	-0.03
19	PM4CPE	4-Chlorophenyl phenyl ether	3.33	1	-2.33	0.00	1	0.00	0.00	0.00	-2.33

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PM4CPE	4-Chlorophenyl phenyl ether	3.47	5	-1.04	0.58	5	-1.94	-1.31	-0.67	-0.63
19	PM4CPE	4-Chlorophenyl phenyl ether	4.44	6	0.91	0.66	6	0.11	0.62	0.89	1.70
19	PM4CPE	4-Chlorophenyl phenyl ether	5.56	4	-0.35	0.55	5	-1.00	-0.56	-0.09	1.11
19	PM4CPE	4-Chlorophenyl phenyl ether	8.89	5	-0.49	1.53	6	-2.89	0.47	0.50	13.33
19	PM4CPE	4-Chlorophenyl phenyl ether	11.11	57	-0.80	0.91	69	-1.56	-0.89	0.00	3.44
19	PM4CPE	4-Chlorophenyl phenyl ether	12.22	1	3.33	0.00	1	0.00	0.00	0.00	3.33
19	PM4CPE	4-Chlorophenyl phenyl ether	12.33	2	1.56	0.79	2	0.00	1.00	0.00	2.11
19	PM4CPE	4-Chlorophenyl phenyl ether	12.44	2	-1.33	2.83	2	0.00	-3.33	0.00	0.67
19	PM4CPE	4-Chlorophenyl phenyl ether	13.89	35	-1.97	1.04	35	-2.89	-2.11	-1.22	0.00
19	PM4CPE	4-Chlorophenyl phenyl ether	22.22	103	-3.50	3.63	113	-6.67	-3.33	-1.11	44.78
19	PM4CPE	4-Chlorophenyl phenyl ether	27.78	4	-1.61	8.71	4	-11.67	-3.44	-0.78	9.44
19	PM4CPE	4-Chlorophenyl phenyl ether	55.56	1	300.00	0.00	1	0.00	0.00	0.00	300.00
19	PM4CPE	4-Chlorophenyl phenyl ether	56.98	4	-34.76	4.89	4	-40.31	-36.98	-32.53	-29.20

Results expressed as the ratio: (result-expected)/RMDI.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PM4CPE	4-Chlorophenyl phenyl ether	61.11	1	-13.33	0.00	1	0.00	0.00	0.00	-13.33
19	PM4CPE	4-Chlorophenyl phenyl ether	222.22	3	-210.64	1.08	4	-211.33	-211.20	-209.40	-207.23
19	PM4CPE	4-Chlorophenyl phenyl ether	888.89	2	0.00	31.43	2	0.00	-22.22	0.00	22.22
19	PMB2EE	Bis(2-chloroethyl)ether	0.03	2	0.38	0.00	2	0.00	0.38	0.00	0.38
19	PMB2EE	Bis(2-chloroethyl)ether	0.04	1	0.14	0.00	1	0.00	0.00	0.00	0.14
19	PMB2EE	Bis(2-chloroethyl)ether	0.27	4	-0.02	0.06	4	-0.09	-0.03	0.00	0.05
19	PMB2EE	Bis(2-chloroethyl)ether	0.45	1	-0.16	0.00	1	0.00	0.00	0.00	-0.16
19	PMB2EE	Bis(2-chloroethyl)ether	0.70	3	-0.38	0.01	5	-0.39	-0.39	-0.37	-0.21
19	PMB2EE	Bis(2-chloroethyl)ether	0.74	1	-0.33	0.00	1	0.00	0.00	0.00	-0.33
19	PMB2EE	Bis(2-chloroethyl)ether	0.91	6	0.17	0.31	6	-0.32	0.17	0.36	0.45
19	PMB2EE	Bis(2-chloroethyl)ether	1.14	5	0.00	0.28	5	-0.39	-0.14	-0.03	0.30
19	PMB2EE	Bis(2-chloroethyl)ether	1.82	6	-0.81	0.80	6	-1.80	-0.91	-0.25	0.01
19	PMB2EE	Bis(2-chloroethyl)ether	2.27	28	-0.64	0.38	33	-0.90	-0.59	-0.32	0.91
19	PMB2EE	Bis(2-chloroethyl)ether	2.50	1	1.59	0.00	1	0.00	0.00	0.00	1.59
19	PMB2EE	Bis(2-chloroethyl)ether	2.52	2	-0.02	0.64	2	0.00	-0.48	0.00	0.43
19	PMB2EE	Bis(2-chloroethyl)ether	2.55	2	-1.24	0.40	2	0.00	-1.52	0.00	-0.96
19	PMB2EE	Bis(2-chloroethyl)ether	2.84	34	-0.47	0.30	35	-0.80	-0.55	-0.25	0.23
19	PMB2EE	Bis(2-chloroethyl)ether	4.55	143	-1.17	1.11	147	-2.27	-0.91	-0.23	0.68

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMB2EE	Bis(2-chloroethyl)ether	5.39	1	1.20	0.00	1	0.00	0.00	0.00	1.20
19	PMB2EE	Bis(2-chloroethyl)ether	5.68	4	-1.91	0.90	4	-2.82	-2.48	-1.46	-0.89
19	PMB2EE	Bis(2-chloroethyl)ether	11.36	1	65.91	0.00	1	0.00	0.00	0.00	65.91
19	PMB2EE	Bis(2-chloroethyl)ether	12.05	1	2.27	0.00	1	0.00	0.00	0.00	2.27
19	PMB2EE	Bis(2-chloroethyl)ether	20.73	3	-11.18	2.58	3	0.00	-13.00	-12.32	-8.23
19	PMB2EE	Bis(2-chloroethyl)ether	45.45	4	-22.31	19.67	4	-44.03	-28.79	-19.35	2.95
19	PMB2EE	Bis(2-chloroethyl)ether	181.82	2	51.14	14.46	2	0.00	40.91	0.00	61.36
19	PMB2EM	Bis(2-chloroethoxy)methane	0.04	3	0.24	0.17	3	0.00	0.05	0.33	0.33
19	PMB2EM	Bis(2-chloroethoxy)methane	0.34	4	-0.05	0.07	4	-0.13	-0.08	-0.04	0.03
19	PMB2EM	Bis(2-chloroethoxy)methane	0.89	5	-0.46	0.16	5	-0.73	-0.44	-0.40	-0.35
19	PMB2EM	Bis(2-chloroethoxy)methane	1.00	1	-0.57	0.00	1	0.00	0.00	0.00	-0.57
19	PMB2EM	Bis(2-chloroethoxy)methane	1.14	6	0.27	0.31	6	-0.20	0.23	0.37	0.58
19	PMB2EM	Bis(2-chloroethoxy)methane	1.43	4	-0.11	0.10	5	-0.23	-0.14	-0.04	0.46
19	PMB2EM	Bis(2-chloroethoxy)methane	2.29	5	-0.58	0.61	6	-1.40	-0.66	0.00	2.57
19	PMB2EM	Bis(2-chloroethoxy)methane	2.86	57	-0.19	0.33	67	-0.51	-0.17	0.00	4.57
19	PMB2EM	Bis(2-chloroethoxy)methane	3.14	1	2.57	0.00	1	0.00	0.00	0.00	2.57
19	PMB2EM	Bis(2-chloroethoxy)methane	3.17	2	-0.06	0.85	2	0.00	-0.66	0.00	0.54
19	PMB2EM	Bis(2-chloroethoxy)methane	3.20	2	-1.30	0.22	2	0.00	-1.46	0.00	-1.14
19	PMB2EM	Bis(2-chloroethoxy)methane	3.57	35	-0.81	0.52	35	-1.29	-0.83	-0.40	0.00
19	PMB2EM	Bis(2-chloroethoxy)methane	5.71	102	-1.37	1.11	117	-2.29	-1.43	-0.57	10.22

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMB2EM	Bis(2-chloroethoxy)methane	7.14	3	-1.90	0.68	4	-2.66	-1.69	-1.34	0.71
19	PMB2EM	Bis(2-chloroethoxy)methane	14.29	1	82.86	0.00	1	0.00	0.00	0.00	82.86
19	PMB2EM	Bis(2-chloroethoxy)methane	14.57	1	1.71	0.00	1	0.00	0.00	0.00	1.71
19	PMB2EM	Bis(2-chloroethoxy)methane	16.20	3	-6.58	2.07	3	0.00	-7.91	-7.63	-4.20
19	PMB2EM	Bis(2-chloroethoxy)methane	228.57	2	42.86	20.20	2	0.00	28.57	0.00	57.14
19	PMB2IE	Bis(2-chloroisopropyl)ether	0.06	3	0.47	0.26	3	0.00	0.16	0.62	0.62
19	PMB2IE	Bis(2-chloroisopropyl)ether	0.55	4	-0.18	0.10	4	-0.28	-0.24	-0.13	-0.07
19	PMB2IE	Bis(2-chloroisopropyl)ether	0.91	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
19	PMB2IE	Bis(2-chloroisopropyl)ether	1.42	4	-0.99	0.21	5	-1.20	-1.14	-0.87	-0.58
19	PMB2IE	Bis(2-chloroisopropyl)ether	1.59	1	-0.91	0.00	1	0.00	0.00	0.00	-0.91
19	PMB2IE	Bis(2-chloroisopropyl)ether	1.82	6	0.06	0.45	6	-0.64	-0.16	0.40	0.50
19	PMB2IE	Bis(2-chloroisopropyl)ether	2.27	32	-0.15	0.30	39	-0.50	-0.09	0.00	0.82
19	PMB2IE	Bis(2-chloroisopropyl)ether	3.64	6	-1.63	1.25	6	-3.59	-1.53	-1.32	0.17
19	PMB2IE	Bis(2-chloroisopropyl)ether	4.55	29	-1.54	0.70	33	-1.91	-1.41	-0.96	4.55
19	PMB2IE	Bis(2-chloroisopropyl)ether	5.00	1	2.73	0.00	1	0.00	0.00	0.00	2.73
19	PMB2IE	Bis(2-chloroisopropyl)ether	5.05	2	0.41	0.64	2	0.00	-0.05	0.00	0.86
19	PMB2IE	Bis(2-chloroisopropyl)ether	5.09	2	-2.50	0.00	2	0.00	-2.50	0.00	-2.50
19	PMB2IE	Bis(2-chloroisopropyl)ether	5.68	32	-1.07	0.55	35	-1.68	-1.14	-0.77	-0.05
19	PMB2IE	Bis(2-chloroisopropyl)ether	9.09	102	-2.78	1.83	113	-4.09	-3.18	-1.14	5.46
19	PMB2IE	Bis(2-chloroisopropyl)ether	10.79	3	-5.80	2.00	3	0.00	-7.20	-6.70	-3.51

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMB2IE	Bis(2-chloroisopropyl)ether	11.36	3	-3.47	1.09	4	-4.23	-3.96	-2.23	-0.23
19	PMB2IE	Bis(2-chloroisopropyl)ether	22.73	1	172.73	0.00	1	0.00	0.00	0.00	172.73
19	PMB2IE	Bis(2-chloroisopropyl)ether	23.18	1	16.36	0.00	1	0.00	0.00	0.00	16.36
19	PMB2IE	Bis(2-chloroisopropyl)ether	41.45	1	-38.05	0.00	1	0.00	0.00	0.00	-38.05
19	PMB2IE	Bis(2-chloroisopropyl)ether	90.91	4	-31.15	16.31	4	-48.94	-34.54	-31.64	-9.47
19	PMB2IE	Bis(2-chloroisopropyl)ether	363.64	2	34.09	3.22	2	0.00	31.82	0.00	36.36
19	PMBBP	Benzylbutylphthalate	0.23	3	0.77	0.00	3	0.00	0.77	0.77	0.77
19	PMBBP	Benzylbutylphthalate	2.00	4	-0.56	0.47	4	-1.03	-0.90	-0.18	-0.13
19	PMBBP	Benzylbutylphthalate	5.21	5	-1.03	0.99	5	-2.64	-1.13	-0.89	-0.09
19	PMBBP	Benzylbutylphthalate	5.83	1	-4.83	0.00	1	0.00	0.00	0.00	-4.83
19	PMBBP	Benzylbutylphthalate	6.67	6	2.59	4.78	6	-6.00	4.05	4.67	6.33
19	PMBBP	Benzylbutylphthalate	8.33	37	-0.57	0.94	39	-1.33	-0.67	0.17	3.98
19	PMBBP	Benzylbutylphthalate	13.33	4	1.97	2.86	6	-2.27	3.57	3.78	21.67
19	PMBBP	Benzylbutylphthalate	16.67	32	-9.37	5.53	34	-14.17	-9.67	-5.33	39.50
19	PMBBP	Benzylbutylphthalate	18.33	1	11.67	0.00	1	0.00	0.00	0.00	11.67
19	PMBBP	Benzylbutylphthalate	18.50	2	-3.50	7.07	2	0.00	-8.50	0.00	1.50
19	PMBBP	Benzylbutylphthalate	18.67	2	-5.08	3.42	2	0.00	-7.50	0.00	-2.67
19	PMBBP	Benzylbutylphthalate	20.83	31	-17.22	2.19	35	-19.00	-17.50	-14.33	-4.00
19	PMBBP	Benzylbutylphthalate	33.33	110	-18.35	7.16	114	-23.83	-17.50	-13.33	6.67
19	PMBBP	Benzylbutylphthalate	41.67	4	-3.33	2.95	4	-7.00	-3.67	-2.83	0.17

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMBBP	Benzylbutylphthalate	83.33	1	1466.67	0.00	1	0.00	0.00	0.00	1466.67
19	PMBBP	Benzylbutylphthalate	88.67	4	-63.79	13.22	4	-82.50	-63.67	-55.33	-53.67
19	PMBBP	Benzylbutylphthalate	93.33	1	-60.00	0.00	1	0.00	0.00	0.00	-60.00
19	PMBBP	Benzylbutylphthalate	333.33	4	-316.25	1.82	4	-318.48	-316.28	-316.22	-314.03
19	PMBBP	Benzylbutylphthalate	1,333.33	2	123.33	339.41	2	0.00	-116.67	0.00	363.33
19	PMBEHP	Bis(2-ethylhexyl) phthalate	0.06	3	0.39	0.32	3	0.00	0.03	0.57	0.57
19	PMBEHP	Bis(2-ethylhexyl) phthalate	0.55	4	-0.18	0.18	4	-0.36	-0.27	-0.13	0.05
19	PMBEHP	Bis(2-ethylhexyl) phthalate	1.42	5	-0.33	0.22	5	-0.68	-0.33	-0.31	-0.06
19	PMBEHP	Bis(2-ethylhexyl) phthalate	1.59	1	-0.18	0.00	1	0.00	0.00	0.00	-0.18
19	PMBEHP	Bis(2-ethylhexyl) phthalate	1.82	5	1.15	1.65	6	-1.14	1.64	1.64	7.18
19	PMBEHP	Bis(2-ethylhexyl) phthalate	2.27	36	0.09	0.27	39	-0.09	0.09	0.32	1.36
19	PMBEHP	Bis(2-ethylhexyl) phthalate	3.64	2	2.68	6.36	2	0.00	-1.82	0.00	7.18
19	PMBEHP	Bis(2-ethylhexyl) phthalate	4.55	29	-0.70	2.18	34	-2.23	-0.27	1.46	10.41
19	PMBEHP	Bis(2-ethylhexyl) phthalate	5.00	1	-4.32	0.00	1	0.00	0.00	0.00	-4.32
19	PMBEHP	Bis(2-ethylhexyl) phthalate	5.05	2	-4.46	0.13	2	0.00	-4.55	0.00	-4.36
19	PMBEHP	Bis(2-ethylhexyl) phthalate	5.09	2	-1.70	0.93	2	0.00	-2.36	0.00	-1.05
19	PMBEHP	Bis(2-ethylhexyl) phthalate	5.68	33	-0.72	1.56	35	-2.09	-0.68	0.36	4.14
19	PMBEHP	Bis(2-ethylhexyl) phthalate	9.09	89	0.07	2.98	103	-2.27	0.00	2.27	54.55
19	PMBEHP	Bis(2-ethylhexyl) phthalate	11.36	3	-1.67	0.86	4	-2.27	-2.05	-0.68	1.14
19	PMBEHP	Bis(2-ethylhexyl) phthalate	13.39	1	-9.25	0.00	1	0.00	0.00	0.00	-9.25

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								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMBEHP	Bis(2-ethylhexyl) phthalate	17.68	2	-12.75	0.87	2	0.00	-13.36	0.00	-12.14
19	PMBEHP	Bis(2-ethylhexyl) phthalate	22.73	1	318.18	0.00	1	0.00	0.00	0.00	318.18
19	PMBEHP	Bis(2-ethylhexyl) phthalate	23.18	1	-14.09	0.00	1	0.00	0.00	0.00	-14.09
19	PMBEHP	Bis(2-ethylhexyl) phthalate	23.74	4	-12.83	0.64	4	-13.74	-12.83	-12.38	-12.38
19	PMBEHP	Bis(2-ethylhexyl) phthalate	90.91	3	31.24	28.61	4	11.45	18.23	64.04	240.82
19	PMBEHP	Bis(2-ethylhexyl) phthalate	363.64	2	206.59	418.16	2	0.00	-89.09	0.00	502.27
19	PMCAMP	Camphene	0.03	3	0.20	0.08	3	0.00	0.11	0.25	0.25
19	PMCAMP	Camphene	0.34	3	0.18	0.45	3	0.00	-0.24	0.13	0.66
19	PMCAMP	Camphene	0.57	2	0.09	0.53	2	0.00	-0.29	0.00	0.46
19	PMCAMP	Camphene	0.57	2	0.11	0.24	2	0.00	-0.06	0.00	0.28
19	PMCAMP	Camphene	0.71	4	-0.36	0.09	5	-0.46	-0.43	-0.29	0.29
19	PMCAMP	Camphene	0.80	1	-0.46	0.00	1	0.00	0.00	0.00	-0.46
19	PMCAMP	Camphene	0.86	1	-0.57	0.00	1	0.00	0.00	0.00	-0.57
19	PMCAMP	Camphene	1.14	3	-0.83	0.22	3	0.00	-1.06	-0.80	-0.63
19	PMCAMP	Camphene	1.18	22	-0.29	0.27	22	-0.58	-0.32	-0.16	0.11
19	PMCAMP	Camphene	1.20	1	-1.05	0.00	1	0.00	0.00	0.00	-1.05
19	PMCAMP	Camphene	1.43	7	-0.37	0.52	7	-1.13	-0.23	-0.08	0.07
19	PMCAMP	Camphene	1.48	5	-0.55	0.08	6	-0.65	-0.57	-0.47	-0.22
19	PMCAMP	Camphene	1.49	3	-1.23	0.19	3	0.00	-1.43	-1.20	-1.06
19	PMCAMP	Camphene	2.29	2	-1.70	0.79	2	0.00	-2.26	0.00	-1.14

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ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMCAMP	Camphene	2.86	56	-1.60	0.37	63	-2.00	-1.57	-1.40	-0.20
19	PMCAMP	Camphene	2.97	1	-2.71	0.00	1	0.00	0.00	0.00	-2.71
19	PMCAMP	Camphene	3.14	1	-1.54	0.00	1	0.00	0.00	0.00	-1.54
19	PMCAMP	Camphene	3.17	2	-2.56	0.34	2	0.00	-2.80	0.00	-2.31
19	PMCAMP	Camphene	3.20	2	-2.27	0.38	2	0.00	-2.54	0.00	-2.00
19	PMCAMP	Camphene	3.23	5	-2.27	0.39	5	-2.90	-2.23	-2.23	-1.83
19	PMCAMP	Camphene	3.91	1	-3.77	0.00	1	0.00	0.00	0.00	-3.77
19	PMCAMP	Camphene	4.73	3	-3.09	0.05	4	-3.14	-3.09	-3.04	-2.19
19	PMCAMP	Camphene	4.74	4	1.00	2.67	4	-2.27	-0.09	3.06	3.29
19	PMCAMP	Camphene	5.71	105	-3.76	1.20	107	-4.80	-3.77	-2.86	-0.29
19	PMCAMP	Camphene	5.81	3	-5.58	0.08	4	-5.67	-5.53	-5.53	-4.07
19	PMCAMP	Camphene	6.46	2	-3.23	1.01	2	0.00	-3.94	0.00	-2.51
19	PMCAMP	Camphene	7.14	8	-4.54	0.45	9	-4.91	-4.57	-4.34	-3.29
19	PMCAMP	Camphene	8.43	49	-4.52	1.09	50	-5.31	-4.54	-3.63	-2.37
19	PMCAMP	Camphene	14.29	2	12.29	10.91	2	0.00	4.57	0.00	20.00
19	PMCAMP	Camphene	16.86	7	-7.64	2.56	7	-11.24	-8.30	-7.04	-4.00
19	PMCAMP	Camphene	30.00	1	-26.00	0.00	1	0.00	0.00	0.00	-26.00
19	PMCAMP	Camphene	228.57	2	-227.57	0.00	2	0.00	-227.57	0.00	-227.57
19	PMCAMP	Camphene	1,182.86	1	-1181.95	0.00	1	0.00	0.00	0.00	-1181.95
19	PMDNBP	Di-n-butyl phthalate	0.04	3	0.22	0.05	3	0.00	0.17	0.25	0.25

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								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMDNBP	Di-n-butyl phthalate	0.32	4	-0.12	0.07	4	-0.20	-0.13	-0.11	-0.03
19	PMDNBP	Di-n-butyl phthalate	0.66	34	-0.02	0.06	34	-0.08	-0.03	0.03	0.11
19	PMDNBP	Di-n-butyl phthalate	0.82	5	-0.18	0.16	5	-0.45	-0.17	-0.14	-0.03
19	PMDNBP	Di-n-butyl phthalate	0.99	1	-0.70	0.00	1	0.00	0.00	0.00	-0.70
19	PMDNBP	Di-n-butyl phthalate	1.05	5	-0.15	0.36	6	-0.45	-0.29	0.03	0.68
19	PMDNBP	Di-n-butyl phthalate	1.32	5	0.23	0.22	5	-0.08	0.12	0.26	0.47
19	PMDNBP	Di-n-butyl phthalate	2.11	5	0.46	0.45	6	-0.28	0.62	0.71	4.47
19	PMDNBP	Di-n-butyl phthalate	2.63	33	-1.01	0.91	34	-1.82	-1.11	-0.24	2.37
19	PMDNBP	Di-n-butyl phthalate	2.89	1	3.16	0.00	1	0.00	0.00	0.00	3.16
19	PMDNBP	Di-n-butyl phthalate	2.92	2	0.46	1.17	2	0.00	-0.37	0.00	1.29
19	PMDNBP	Di-n-butyl phthalate	2.95	2	-0.58	0.60	2	0.00	-1.00	0.00	-0.16
19	PMDNBP	Di-n-butyl phthalate	3.29	32	-1.32	0.54	35	-1.90	-1.37	-1.08	-0.29
19	PMDNBP	Di-n-butyl phthalate	5.26	107	-1.30	1.07	114	-2.11	-1.32	-0.53	4.47
19	PMDNBP	Di-n-butyl phthalate	6.58	3	1.84	1.12	4	0.66	1.97	2.90	5.40
19	PMDNBP	Di-n-butyl phthalate	13.16	1	136.84	0.00	1	0.00	0.00	0.00	136.84
19	PMDNBP	Di-n-butyl phthalate	13.42	1	-6.05	0.00	1	0.00	0.00	0.00	-6.05
19	PMDNBP	Di-n-butyl phthalate	20.45	4	-11.17	1.35	4	-12.55	-12.03	-10.45	-9.66
19	PMDNBP	Di-n-butyl phthalate	52.63	4	11.31	8.57	4	1.25	7.13	18.13	18.74
19	PMDNBP	Di-n-butyl phthalate	210.53	2	79.87	57.87	2	0.00	38.95	0.00	120.79
19	PMDPE	Diphenyl ether	10.00	1	1.25	0.00	1	0.00	0.00	0.00	1.25

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMDPE	Diphenyl ether	20.00	1	27.50	0.00	1	0.00	0.00	0.00	27.50
19	PMDPE	Diphenyl ether	25.00	6	-6.40	9.36	6	-24.63	-5.25	-3.00	1.25
19	PMDPE	Diphenyl ether	27.50	1	12.50	0.00	1	0.00	0.00	0.00	12.50
19	PMDPE	Diphenyl ether	28.00	1	-9.25	0.00	1	0.00	0.00	0.00	-9.25
19	PMDPE	Diphenyl ether	33.50	7	-8.07	8.55	7	-19.00	-10.00	-6.00	7.25
19	PMDPE	Diphenyl ether	50.00	20	-20.20	14.55	21	-36.50	-19.00	-17.50	2.50
19	PMDPE	Diphenyl ether	268.38	1	-165.88	0.00	1	0.00	0.00	0.00	-165.88
19	PMNND	N-Nitrosodiphenylamine	0.01	3	0.10	0.04	3	0.00	0.06	0.13	0.13
19	PMNND	N-Nitrosodiphenylamine	0.09	1	0.02	0.00	1	0.00	0.00	0.00	0.02
19	PMNND	N-Nitrosodiphenylamine	0.17	3	-0.06	0.03	3	0.00	-0.08	-0.07	-0.02
19	PMNND	N-Nitrosodiphenylamine	0.23	1	-0.07	0.00	1	0.00	0.00	0.00	-0.07
19	PMNND	N-Nitrosodiphenylamine	0.29	3	-0.07	0.09	3	0.00	-0.17	-0.04	-0.01
19	PMNND	N-Nitrosodiphenylamine	0.36	31	-0.02	0.01	35	-0.02	-0.01	-0.01	0.04
19	PMNND	N-Nitrosodiphenylamine	0.57	5	-0.23	0.21	6	-0.43	-0.28	-0.15	0.21
19	PMNND	N-Nitrosodiphenylamine	0.71	18	-0.12	0.28	21	-0.20	-0.11	0.14	1.14
19	PMNND	N-Nitrosodiphenylamine	0.79	1	0.14	0.00	1	0.00	0.00	0.00	0.14
19	PMNND	N-Nitrosodiphenylamine	0.79	2	-0.15	0.20	2	0.00	-0.29	0.00	-0.01
19	PMNND	N-Nitrosodiphenylamine	0.80	2	-0.36	0.12	2	0.00	-0.44	0.00	-0.28
19	PMNND	N-Nitrosodiphenylamine	0.81	2	-0.29	0.00	2	0.00	-0.29	0.00	-0.29
19	PMNND	N-Nitrosodiphenylamine	0.89	27	-0.10	0.12	30	-0.21	-0.10	-0.01	0.29

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMNND	N-Nitrosodiphenylamine	1.43	115	-0.57	0.37	119	-0.79	-0.57	-0.23	2.74
19	PMNND	N-Nitrosodiphenylamine	1.53	4	-0.38	0.20	4	-0.59	-0.49	-0.34	-0.12
19	PMNND	N-Nitrosodiphenylamine	2.14	4	0.27	0.62	4	-0.66	0.49	0.63	0.63
19	PMNND	N-Nitrosodiphenylamine	3.06	2	-0.94	0.05	2	0.00	-0.98	0.00	-0.91
19	PMNND	N-Nitrosodiphenylamine	3.57	4	-0.21	0.44	6	-0.66	0.13	0.20	40.71
19	PMNND	N-Nitrosodiphenylamine	4.66	3	0.12	0.96	4	-0.66	-0.16	1.19	3.19
19	PMNND	N-Nitrosodiphenylamine	114.29	2	-34.64	107.58	2	0.00	-110.71	0.00	41.43
19	PMNNP	N-Nitrosodi-n-propylamine	0.05	3	0.41	0.37	3	0.00	-0.02	0.63	0.63
19	PMNNP	N-Nitrosodi-n-propylamine	0.39	4	-0.07	0.16	4	-0.27	-0.12	0.00	0.09
19	PMNNP	N-Nitrosodi-n-propylamine	1.01	5	-0.15	0.32	5	-0.61	-0.25	-0.16	0.20
19	PMNNP	N-Nitrosodi-n-propylamine	1.29	7	0.09	0.40	7	-0.61	-0.13	0.32	0.46
19	PMNNP	N-Nitrosodi-n-propylamine	1.61	4	-0.13	0.14	5	-0.29	-0.16	-0.09	0.52
19	PMNNP	N-Nitrosodi-n-propylamine	2.58	6	-0.55	1.14	6	-2.55	-0.53	-0.35	1.00
19	PMNNP	N-Nitrosodi-n-propylamine	3.23	66	-0.60	0.65	67	-1.16	-0.65	-0.13	2.03
19	PMNNP	N-Nitrosodi-n-propylamine	3.55	1	2.58	0.00	1	0.00	0.00	0.00	2.58
19	PMNNP	N-Nitrosodi-n-propylamine	3.58	2	0.29	0.46	2	0.00	-0.03	0.00	0.61
19	PMNNP	N-Nitrosodi-n-propylamine	3.61	2	-1.52	0.32	2	0.00	-1.74	0.00	-1.29
19	PMNNP	N-Nitrosodi-n-propylamine	4.03	33	-0.45	0.56	35	-1.00	-0.48	0.00	1.71
19	PMNNP	N-Nitrosodi-n-propylamine	6.45	102	-1.73	1.22	115	-2.58	-1.94	-0.65	3.55
19	PMNNP	N-Nitrosodi-n-propylamine	8.06	4	-1.55	1.08	4	-2.81	-1.97	-1.13	-0.29

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PMNNP	N-Nitrosodi-n-propylamine	16.13	1	129.03	0.00	1	0.00	0.00	0.00	129.03
19	PMNNP	N-Nitrosodi-n-propylamine	16.45	1	3.87	0.00	1	0.00	0.00	0.00	3.87
19	PMNNP	N-Nitrosodi-n-propylamine	20.45	4	-9.88	2.15	4	-11.74	-11.74	-8.19	-7.87
19	PMNNP	N-Nitrosodi-n-propylamine	64.52	4	-40.09	17.03	4	-63.47	-40.34	-32.98	-23.58
19	PMNNP	N-Nitrosodi-n-propylamine	258.06	2	56.13	11.86	2	0.00	47.74	0.00	64.52
19	PN1CNP	1-Chloronaphthalene	0.07	3	0.21	0.07	3	0.00	0.13	0.25	0.25
19	PN1CNP	1-Chloronaphthalene	0.48	4	-0.11	0.14	4	-0.24	-0.21	-0.05	0.05
19	PN1CNP	1-Chloronaphthalene	0.80	3	-0.17	0.09	3	0.00	-0.26	-0.16	-0.09
19	PN1CNP	1-Chloronaphthalene	0.82	1	-0.66	0.00	1	0.00	0.00	0.00	-0.66
19	PN1CNP	1-Chloronaphthalene	1.02	3	-0.44	0.05	5	-0.50	-0.42	-0.41	-0.24
19	PN1CNP	1-Chloronaphthalene	1.36	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
19	PN1CNP	1-Chloronaphthalene	1.60	4	-0.01	0.52	4	-0.76	0.12	0.16	0.44
19	PN1CNP	1-Chloronaphthalene	1.64	22	0.12	0.28	23	-0.11	0.05	0.36	1.34
19	PN1CNP	1-Chloronaphthalene	1.70	1	-1.38	0.00	1	0.00	0.00	0.00	-1.38
19	PN1CNP	1-Chloronaphthalene	2.00	32	-0.17	0.11	40	-0.24	-0.16	-0.08	0.56
19	PN1CNP	1-Chloronaphthalene	2.04	6	-0.20	0.17	6	-0.44	-0.20	-0.16	0.00
19	PN1CNP	1-Chloronaphthalene	2.36	3	-1.12	0.45	3	0.00	-1.60	-1.04	-0.72
19	PN1CNP	1-Chloronaphthalene	3.20	2	1.62	3.37	2	0.00	-0.76	0.00	4.00
19	PN1CNP	1-Chloronaphthalene	4.00	34	-1.05	1.04	34	-1.92	-0.84	-0.36	0.96
19	PN1CNP	1-Chloronaphthalene	4.40	1	2.00	0.00	1	0.00	0.00	0.00	2.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN1CNP	1-Chloronaphthalene	4.44	2	0.04	1.02	2	0.00	-0.68	0.00	0.76
19	PN1CNP	1-Chloronaphthalene	4.48	2	-0.64	1.19	2	0.00	-1.48	0.00	0.20
19	PN1CNP	1-Chloronaphthalene	4.68	1	-3.12	0.00	1	0.00	0.00	0.00	-3.12
19	PN1CNP	1-Chloronaphthalene	5.76	2	-3.64	0.11	2	0.00	-3.72	0.00	-3.57
19	PN1CNP	1-Chloronaphthalene	5.80	1	-1.64	0.00	1	0.00	0.00	0.00	-1.64
19	PN1CNP	1-Chloronaphthalene	5.82	4	-1.23	0.19	4	-1.41	-1.37	-1.15	-1.00
19	PN1CNP	1-Chloronaphthalene	5.84	3	-0.52	0.26	4	-0.76	-0.56	-0.24	1.44
19	PN1CNP	1-Chloronaphthalene	5.96	46	-1.57	0.53	50	-1.92	-1.48	-1.08	2.04
19	PN1CNP	1-Chloronaphthalene	6.36	1	-6.16	0.00	1	0.00	0.00	0.00	-6.16
19	PN1CNP	1-Chloronaphthalene	8.00	98	-2.07	1.33	105	-3.20	-1.94	-1.20	9.20
19	PN1CNP	1-Chloronaphthalene	10.00	8	-2.66	1.26	9	-4.00	-2.68	-2.20	0.32
19	PN1CNP	1-Chloronaphthalene	11.60	2	-3.50	1.27	2	0.00	-4.40	0.00	-2.60
19	PN1CNP	1-Chloronaphthalene	16.00	2	-2.80	0.00	2	0.00	-2.80	0.00	-2.80
19	PN1CNP	1-Chloronaphthalene	17.70	1	-8.50	0.00	1	0.00	0.00	0.00	-8.50
19	PN1CNP	1-Chloronaphthalene	20.00	8	-6.79	3.49	9	-9.80	-7.20	-4.64	76.00
19	PN1CNP	1-Chloronaphthalene	31.71	3	-23.58	1.51	3	0.00	-25.31	-22.91	-22.51
19	PN1CNP	1-Chloronaphthalene	43.20	1	-22.00	0.00	1	0.00	0.00	0.00	-22.00
19	PN1CNP	1-Chloronaphthalene	320.00	2	16.00	5.66	2	0.00	12.00	0.00	20.00
19	PN1CNP	1-Chloronaphthalene	200,000.00	1	-199998.16	0.00	1	0.00	0.00	0.00	-199998.16
19	PN1MNA	1-Methylnaphthalene	0.05	3	0.43	0.36	3	0.00	0.02	0.64	0.64

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN1MNA	1-Methylnaphthalene	0.38	4	-0.10	0.09	4	-0.19	-0.17	-0.04	-0.01
19	PN1MNA	1-Methylnaphthalene	0.63	2	-0.09	0.01	2	0.00	-0.09	0.00	-0.08
19	PN1MNA	1-Methylnaphthalene	0.75	1	61.75	0.00	1	0.00	0.00	0.00	61.75
19	PN1MNA	1-Methylnaphthalene	0.80	1	-0.45	0.00	1	0.00	0.00	0.00	-0.45
19	PN1MNA	1-Methylnaphthalene	1.00	4	-0.44	0.09	5	-0.53	-0.49	-0.42	-0.32
19	PN1MNA	1-Methylnaphthalene	1.13	1	1.13	0.00	1	0.00	0.00	0.00	1.13
19	PN1MNA	1-Methylnaphthalene	1.17	1	-0.48	0.00	1	0.00	0.00	0.00	-0.48
19	PN1MNA	1-Methylnaphthalene	1.22	1	-0.53	0.00	1	0.00	0.00	0.00	-0.53
19	PN1MNA	1-Methylnaphthalene	1.23	21	0.09	0.16	23	-0.08	0.10	0.23	0.98
19	PN1MNA	1-Methylnaphthalene	1.25	3	-0.06	0.09	3	0.00	-0.16	-0.06	0.03
19	PN1MNA	1-Methylnaphthalene	1.54	6	-0.09	0.15	6	-0.29	-0.08	-0.04	0.08
19	PN1MNA	1-Methylnaphthalene	1.56	39	-0.13	0.11	41	-0.22	-0.13	-0.03	0.44
19	PN1MNA	1-Methylnaphthalene	1.63	3	0.11	0.81	3	0.00	-0.69	0.08	0.93
19	PN1MNA	1-Methylnaphthalene	1.66	3	-0.69	0.44	3	0.00	-1.19	-0.53	-0.34
19	PN1MNA	1-Methylnaphthalene	2.50	2	1.31	3.45	2	0.00	-1.13	0.00	3.75
19	PN1MNA	1-Methylnaphthalene	3.13	30	-0.65	0.95	31	-1.72	-0.69	-0.16	0.97
19	PN1MNA	1-Methylnaphthalene	3.28	3	-2.26	0.04	5	-2.28	-2.28	-2.22	-1.47
19	PN1MNA	1-Methylnaphthalene	3.44	1	1.56	0.00	1	0.00	0.00	0.00	1.56
19	PN1MNA	1-Methylnaphthalene	3.47	2	0.23	0.95	2	0.00	-0.44	0.00	0.91
19	PN1MNA	1-Methylnaphthalene	3.50	2	-0.83	0.68	2	0.00	-1.31	0.00	-0.34

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN1MNA	1-Methylnaphthalene	3.91	46	-0.97	0.31	51	-1.25	-0.94	-0.75	0.34
19	PN1MNA	1-Methylnaphthalene	4.19	4	0.30	0.94	4	-0.61	-0.34	0.78	1.38
19	PN1MNA	1-Methylnaphthalene	4.20	4	-0.89	0.13	4	-1.04	-0.93	-0.84	-0.73
19	PN1MNA	1-Methylnaphthalene	5.31	1	-0.84	0.00	1	0.00	0.00	0.00	-0.84
19	PN1MNA	1-Methylnaphthalene	6.25	106	-1.34	1.25	107	-2.50	-1.56	-0.63	1.25
19	PN1MNA	1-Methylnaphthalene	7.81	4	-1.58	0.72	4	-2.56	-1.63	-1.25	-0.88
19	PN1MNA	1-Methylnaphthalene	15.63	8	-2.87	2.92	9	-6.25	-2.88	-0.63	93.75
19	PN1MNA	1-Methylnaphthalene	26.60	4	-16.92	3.43	4	-21.92	-15.98	-15.67	-14.10
19	PN1MNA	1-Methylnaphthalene	31.25	5	-3.38	5.95	5	-13.44	-3.44	-1.56	1.88
19	PN1MNA	1-Methylnaphthalene	250.00	2	-1.56	24.31	2	0.00	-18.75	0.00	15.63
19	PN2CNA	2-Chloronaphthalene	0.07	3	0.35	0.13	3	0.00	0.21	0.43	0.43
19	PN2CNA	2-Chloronaphthalene	0.67	4	-0.19	0.16	4	-0.34	-0.31	-0.07	-0.02
19	PN2CNA	2-Chloronaphthalene	1.11	2	-0.23	0.02	2	0.00	-0.24	0.00	-0.22
19	PN2CNA	2-Chloronaphthalene	1.33	1	-0.19	0.00	1	0.00	0.00	0.00	-0.19
19	PN2CNA	2-Chloronaphthalene	1.39	1	-0.89	0.00	1	0.00	0.00	0.00	-0.89
19	PN2CNA	2-Chloronaphthalene	1.58	1	-0.58	0.00	1	0.00	0.00	0.00	-0.58
19	PN2CNA	2-Chloronaphthalene	1.74	5	-0.75	0.16	5	-0.93	-0.90	-0.69	-0.59
19	PN2CNA	2-Chloronaphthalene	1.81	1	-1.31	0.00	1	0.00	0.00	0.00	-1.31
19	PN2CNA	2-Chloronaphthalene	2.22	25	0.23	0.45	27	-0.22	0.08	0.48	1.83
19	PN2CNA	2-Chloronaphthalene	2.78	42	-0.26	0.19	49	-0.44	-0.22	-0.17	0.72

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN2CNA	2-Chloronaphthalene	4.44	8	-0.91	0.54	10	-1.18	-0.90	-0.30	5.00
19	PN2CNA	2-Chloronaphthalene	5.50	1	-4.33	0.00	1	0.00	0.00	0.00	-4.33
19	PN2CNA	2-Chloronaphthalene	5.56	32	-1.09	1.33	34	-2.56	-1.12	-0.22	1.61
19	PN2CNA	2-Chloronaphthalene	6.11	1	2.78	0.00	1	0.00	0.00	0.00	2.78
19	PN2CNA	2-Chloronaphthalene	6.17	2	0.03	2.24	2	0.00	-1.56	0.00	1.61
19	PN2CNA	2-Chloronaphthalene	6.22	2	-1.06	1.41	2	0.00	-2.06	0.00	-0.06
19	PN2CNA	2-Chloronaphthalene	6.94	48	-1.51	0.80	51	-2.22	-1.61	-0.94	3.50
19	PN2CNA	2-Chloronaphthalene	9.83	1	21.83	0.00	1	0.00	0.00	0.00	21.83
19	PN2CNA	2-Chloronaphthalene	11.11	94	-2.54	2.23	100	-4.44	-2.78	-1.11	9.44
19	PN2CNA	2-Chloronaphthalene	13.89	8	-4.04	2.10	9	-6.50	-3.72	-3.06	3.78
19	PN2CNA	2-Chloronaphthalene	24.58	3	-9.58	2.89	3	0.00	-11.25	-11.25	-6.25
19	PN2CNA	2-Chloronaphthalene	27.78	8	-9.58	2.28	9	-11.67	-9.44	-8.61	138.89
19	PN2CNA	2-Chloronaphthalene	44.36	1	-33.25	0.00	1	0.00	0.00	0.00	-33.25
19	PN2CNA	2-Chloronaphthalene	55.56	1	-8.33	0.00	1	0.00	0.00	0.00	-8.33
19	PN2CNA	2-Chloronaphthalene	444.44	2	-33.33	0.00	2	0.00	-33.33	0.00	-33.33
19	PN2CNA	2-Chloronaphthalene	277,777.78	1	-277775.22	0.00	1	0.00	0.00	0.00	-277775.22
19	PN2MNA	2-Methylnaphthalene	0.06	3	0.42	0.34	3	0.00	0.03	0.62	0.62
19	PN2MNA	2-Methylnaphthalene	0.18	2	0.00	0.00	2	0.00	0.00	0.00	0.00
19	PN2MNA	2-Methylnaphthalene	0.55	4	-0.13	0.15	4	-0.27	-0.25	-0.04	0.02
19	PN2MNA	2-Methylnaphthalene	0.91	2	-0.14	0.01	2	0.00	-0.14	0.00	-0.13

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN2MNA	2-Methylnaphthalene	1.18	1	-0.18	0.00	1	0.00	0.00	0.00	-0.18
19	PN2MNA	2-Methylnaphthalene	1.26	1	-0.87	0.00	1	0.00	0.00	0.00	-0.87
19	PN2MNA	2-Methylnaphthalene	1.58	3	-0.78	0.06	5	-0.85	-0.76	-0.73	-0.52
19	PN2MNA	2-Methylnaphthalene	1.59	1	-0.91	0.00	1	0.00	0.00	0.00	-0.91
19	PN2MNA	2-Methylnaphthalene	1.82	4	-0.08	0.44	4	-0.73	0.00	0.18	0.23
19	PN2MNA	2-Methylnaphthalene	1.84	18	0.19	0.24	23	-0.11	0.11	0.30	1.36
19	PN2MNA	2-Methylnaphthalene	2.27	34	-0.21	0.10	41	-0.32	-0.23	-0.14	0.59
19	PN2MNA	2-Methylnaphthalene	2.30	6	-0.17	0.23	6	-0.48	-0.16	-0.07	0.11
19	PN2MNA	2-Methylnaphthalene	2.36	3	-0.97	0.63	3	0.00	-1.68	-0.73	-0.50
19	PN2MNA	2-Methylnaphthalene	3.64	2	1.96	4.95	2	0.00	-1.55	0.00	5.46
19	PN2MNA	2-Methylnaphthalene	4.22	7	-1.06	0.25	8	-1.34	-1.07	-0.87	1.28
19	PN2MNA	2-Methylnaphthalene	4.55	26	-0.74	0.78	32	-1.55	-0.86	-0.14	1.36
19	PN2MNA	2-Methylnaphthalene	4.73	1	-3.23	0.00	1	0.00	0.00	0.00	-3.23
19	PN2MNA	2-Methylnaphthalene	5.00	1	2.73	0.00	1	0.00	0.00	0.00	2.73
19	PN2MNA	2-Methylnaphthalene	5.05	2	0.41	0.64	2	0.00	-0.05	0.00	0.86
19	PN2MNA	2-Methylnaphthalene	5.09	2	-1.14	1.09	2	0.00	-1.91	0.00	-0.36
19	PN2MNA	2-Methylnaphthalene	5.23	45	-1.37	0.38	50	-1.68	-1.32	-1.05	1.59
19	PN2MNA	2-Methylnaphthalene	5.64	2	-3.87	0.77	2	0.00	-4.42	0.00	-3.33
19	PN2MNA	2-Methylnaphthalene	5.68	3	-3.56	0.45	5	-3.82	-3.82	-3.05	-1.68
19	PN2MNA	2-Methylnaphthalene	9.09	105	-1.81	1.76	107	-3.18	-2.27	-0.46	3.18

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN2MNA	2-Methylnaphthalene	11.32	2	-4.02	0.80	2	0.00	-4.59	0.00	-3.46
19	PN2MNA	2-Methylnaphthalene	11.36	4	-2.09	1.26	4	-3.73	-2.36	-1.46	-0.82
19	PN2MNA	2-Methylnaphthalene	11.82	1	-1.41	0.00	1	0.00	0.00	0.00	-1.41
19	PN2MNA	2-Methylnaphthalene	22.73	7	-4.44	4.45	8	-10.86	-5.55	-2.73	1.77
19	PN2MNA	2-Methylnaphthalene	45.45	4	-3.65	1.50	4	-5.41	-4.27	-2.91	-2.00
19	PN2MNA	2-Methylnaphthalene	59.09	3	-49.24	3.81	3	0.00	-53.64	-47.27	-46.82
19	PN2MNA	2-Methylnaphthalene	59.17	1	-42.81	0.00	1	0.00	0.00	0.00	-42.81
19	PN2MNA	2-Methylnaphthalene	363.64	2	27.27	25.71	2	0.00	9.09	0.00	45.46
19	PN5NAN	5-nitro, Acenaphthene	0.03	2	0.21	0.25	2	0.00	0.04	0.00	0.39
19	PN5NAN	5-nitro, Acenaphthene	0.23	2	-0.06	0.01	2	0.00	-0.07	0.00	-0.05
19	PN5NAN	5-nitro, Acenaphthene	0.28	1	-0.01	0.00	1	0.00	0.00	0.00	-0.01
19	PN5NAN	5-nitro, Acenaphthene	0.56	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
19	PN5NAN	5-nitro, Acenaphthene	0.60	1	0.09	0.00	1	0.00	0.00	0.00	0.09
19	PN5NAN	5-nitro, Acenaphthene	0.65	1	-0.25	0.00	1	0.00	0.00	0.00	-0.25
19	PN5NAN	5-nitro, Acenaphthene	0.81	4	-0.37	0.02	6	-0.40	-0.37	-0.35	-0.17
19	PN5NAN	5-nitro, Acenaphthene	0.91	23	0.11	0.42	23	-0.24	0.18	0.41	0.62
19	PN5NAN	5-nitro, Acenaphthene	0.93	4	0.01	0.37	4	-0.35	-0.28	0.30	0.35
19	PN5NAN	5-nitro, Acenaphthene	1.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PN5NAN	5-nitro, Acenaphthene	1.14	6	0.18	0.19	6	-0.12	0.19	0.31	0.35
19	PN5NAN	5-nitro, Acenaphthene	1.16	7	0.16	0.29	7	-0.33	0.11	0.17	0.61

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PN5NAN	5-nitro, Acenaphthene	1.21	3	-0.50	0.27	3	0.00	-0.79	-0.44	-0.26
19	PN5NAN	5-nitro, Acenaphthene	1.86	2	3.44	1.05	2	0.00	2.70	0.00	4.19
19	PN5NAN	5-nitro, Acenaphthene	2.33	46	0.02	0.25	57	-0.30	-0.05	0.14	4.33
19	PN5NAN	5-nitro, Acenaphthene	2.42	1	-1.67	0.00	1	0.00	0.00	0.00	-1.67
19	PN5NAN	5-nitro, Acenaphthene	2.56	1	1.16	0.00	1	0.00	0.00	0.00	1.16
19	PN5NAN	5-nitro, Acenaphthene	2.58	2	-0.14	0.17	2	0.00	-0.26	0.00	-0.02
19	PN5NAN	5-nitro, Acenaphthene	2.60	2	-0.36	0.41	2	0.00	-0.65	0.00	-0.07
19	PN5NAN	5-nitro, Acenaphthene	3.36	4	-1.70	0.22	4	-1.97	-1.78	-1.62	-1.45
19	PN5NAN	5-nitro, Acenaphthene	4.09	7	0.08	0.79	8	-0.74	-0.01	0.98	3.07
19	PN5NAN	5-nitro, Acenaphthene	4.65	102	-0.43	0.94	103	-1.16	-0.47	0.23	1.63
19	PN5NAN	5-nitro, Acenaphthene	5.02	1	-2.16	0.00	1	0.00	0.00	0.00	-2.16
19	PN5NAN	5-nitro, Acenaphthene	5.28	42	-0.59	0.37	50	-0.95	-0.58	-0.33	0.84
19	PN5NAN	5-nitro, Acenaphthene	5.81	3	-0.56	0.60	5	-1.05	-0.74	0.12	7.21
19	PN5NAN	5-nitro, Acenaphthene	11.63	7	-4.42	3.01	8	-8.14	-3.95	-3.02	90.70
19	PN5NAN	5-nitro, Acenaphthene	11.86	1	-2.33	0.00	1	0.00	0.00	0.00	-2.33
19	PN5NAN	5-nitro, Acenaphthene	23.26	4	-6.45	3.15	4	-9.88	-8.26	-4.54	-3.14
19	PN5NAN	5-nitro, Acenaphthene	58.14	1	-40.93	0.00	1	0.00	0.00	0.00	-40.93
19	PN5NAN	5-nitro, Acenaphthene	186.05	1	-185.05	0.00	1	0.00	0.00	0.00	-185.05
19	PNACNE	Acenaphthene	0.10	3	0.34	0.18	3	0.00	0.13	0.44	0.44
19	PNACNE	Acenaphthene	0.23	1	0.00	0.00	1	0.00	0.00	0.00	0.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNACNE	Acenaphthene	0.92	4	-0.25	0.21	4	-0.44	-0.42	-0.12	-0.03
19	PNACNE	Acenaphthene	1.85	1	-0.06	0.00	1	0.00	0.00	0.00	-0.06
19	PNACNE	Acenaphthene	1.92	3	-0.96	0.20	3	0.00	-1.20	-0.85	-0.85
19	PNACNE	Acenaphthene	2.22	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNACNE	Acenaphthene	2.40	3	-1.20	0.29	5	-1.41	-1.30	-0.87	-0.43
19	PNACNE	Acenaphthene	2.50	1	-1.96	0.00	1	0.00	0.00	0.00	-1.96
19	PNACNE	Acenaphthene	3.08	24	0.48	0.50	26	-0.04	0.35	0.88	2.62
19	PNACNE	Acenaphthene	3.85	14	-0.31	0.39	16	-0.69	-0.31	0.08	1.08
19	PNACNE	Acenaphthene	6.15	9	-0.44	1.53	10	-2.34	0.28	0.77	10.00
19	PNACNE	Acenaphthene	7.69	57	-0.49	0.65	70	-1.31	-0.46	-0.15	2.85
19	PNACNE	Acenaphthene	8.46	1	3.85	0.00	1	0.00	0.00	0.00	3.85
19	PNACNE	Acenaphthene	8.54	2	0.69	1.09	2	0.00	-0.08	0.00	1.46
19	PNACNE	Acenaphthene	8.62	2	-1.50	1.90	2	0.00	-2.85	0.00	-0.15
19	PNACNE	Acenaphthene	9.62	47	-1.57	0.66	51	-2.00	-1.69	-1.08	-0.15
19	PNACNE	Acenaphthene	9.77	1	2.54	0.00	1	0.00	0.00	0.00	2.54
19	PNACNE	Acenaphthene	15.38	107	-3.18	2.63	109	-5.39	-3.77	-0.85	4.11
19	PNACNE	Acenaphthene	17.46	1	-0.15	0.00	1	0.00	0.00	0.00	-0.15
19	PNACNE	Acenaphthene	19.23	4	-7.27	1.38	5	-9.23	-6.92	-6.92	-0.77
19	PNACNE	Acenaphthene	38.46	11	-18.36	14.19	12	-36.85	-15.54	-8.00	215.39
19	PNACNE	Acenaphthene	43.62	3	-24.13	2.22	3	0.00	-26.69	-22.85	-22.85

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNACNE	Acenaphthene	76.92	5	1.54	16.29	5	-26.15	0.31	8.15	13.39
19	PNACNE	Acenaphthene	615.38	2	7.69	10.88	2	0.00	0.00	0.00	15.39
19	PNACNY	Acenaphthylene	0.09	3	0.19	0.00	3	0.00	0.19	0.19	0.19
19	PNACNY	Acenaphthylene	0.14	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNACNY	Acenaphthylene	0.86	4	-0.22	0.21	4	-0.42	-0.38	-0.11	0.02
19	PNACNY	Acenaphthylene	1.71	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
19	PNACNY	Acenaphthylene	1.79	3	-0.85	0.25	3	0.00	-1.12	-0.79	-0.64
19	PNACNY	Acenaphthylene	2.06	1	0.10	0.00	1	0.00	0.00	0.00	0.10
19	PNACNY	Acenaphthylene	2.23	5	-0.89	0.25	5	-1.23	-1.02	-0.90	-0.62
19	PNACNY	Acenaphthylene	2.32	1	-2.04	0.00	1	0.00	0.00	0.00	-2.04
19	PNACNY	Acenaphthylene	2.86	24	0.33	0.40	27	-0.01	0.18	0.61	2.57
19	PNACNY	Acenaphthylene	3.57	11	-0.10	0.33	13	-0.57	-0.07	0.07	0.93
19	PNACNY	Acenaphthylene	3.64	3	-1.43	0.98	3	0.00	-2.50	-1.21	-0.57
19	PNACNY	Acenaphthylene	5.71	9	-0.24	0.82	10	-1.26	-0.20	0.27	7.86
19	PNACNY	Acenaphthylene	7.14	59	-0.70	0.71	67	-1.57	-0.64	-0.21	2.64
19	PNACNY	Acenaphthylene	7.21	1	-4.86	0.00	1	0.00	0.00	0.00	-4.86
19	PNACNY	Acenaphthylene	7.86	1	3.57	0.00	1	0.00	0.00	0.00	3.57
19	PNACNY	Acenaphthylene	7.93	2	-0.43	1.52	2	0.00	-1.50	0.00	0.64
19	PNACNY	Acenaphthylene	8.00	2	-1.61	1.87	2	0.00	-2.93	0.00	-0.29
19	PNACNY	Acenaphthylene	8.93	50	-2.28	0.97	51	-3.00	-2.43	-1.50	0.43

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNACNY	Acenaphthylene	14.29	96	-3.50	2.07	103	-5.00	-3.57	-1.79	2.14
19	PNACNY	Acenaphthylene	17.86	5	-3.73	1.91	5	-6.43	-4.43	-3.36	-1.21
19	PNACNY	Acenaphthylene	18.50	1	6.50	0.00	1	0.00	0.00	0.00	6.50
19	PNACNY	Acenaphthylene	28.57	4	3.80	12.71	4	-11.62	-1.46	12.57	15.71
19	PNACNY	Acenaphthylene	35.71	6	-10.70	3.77	8	-13.75	-9.25	-5.71	185.71
19	PNACNY	Acenaphthylene	46.26	4	-27.33	5.30	4	-33.40	-28.40	-26.97	-20.54
19	PNACNY	Acenaphthylene	71.43	9	-26.48	39.93	9	-70.43	-51.57	-4.00	29.29
19	PNACNY	Acenaphthylene	571.43	2	-14.29	10.10	2	0.00	-21.43	0.00	-7.14
19	PNANTH	Anthracene	0.11	3	0.06	0.00	3	0.00	0.06	0.06	0.06
19	PNANTH	Anthracene	0.25	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNANTH	Anthracene	0.83	2	-0.16	0.14	2	0.00	-0.26	0.00	-0.07
19	PNANTH	Anthracene	1.00	4	-0.27	0.25	4	-0.50	-0.47	-0.08	-0.02
19	PNANTH	Anthracene	1.67	4	-0.19	0.62	4	-0.72	-0.70	0.16	0.51
19	PNANTH	Anthracene	2.00	1	-1.20	0.00	1	0.00	0.00	0.00	-1.20
19	PNANTH	Anthracene	2.08	3	-0.32	0.71	3	0.00	-1.12	-0.08	0.25
19	PNANTH	Anthracene	2.40	1	2.03	0.00	1	0.00	0.00	0.00	2.03
19	PNANTH	Anthracene	2.60	5	-0.53	0.28	5	-1.00	-0.48	-0.45	-0.29
19	PNANTH	Anthracene	2.71	1	-2.54	0.00	1	0.00	0.00	0.00	-2.54
19	PNANTH	Anthracene	3.33	26	0.64	0.60	27	-0.06	0.45	0.87	1.67
19	PNANTH	Anthracene	4.17	20	-0.69	1.42	20	-2.50	-0.17	0.30	1.17

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNANTH	Anthracene	6.67	9	-1.06	0.68	10	-1.83	-1.02	-0.38	9.17
19	PNANTH	Anthracene	8.33	55	-0.27	0.50	68	-0.92	-0.42	0.00	2.00
19	PNANTH	Anthracene	9.17	1	4.17	0.00	1	0.00	0.00	0.00	4.17
19	PNANTH	Anthracene	9.25	2	-0.88	1.12	2	0.00	-1.67	0.00	-0.08
19	PNANTH	Anthracene	9.33	2	-1.29	1.36	2	0.00	-2.25	0.00	-0.33
19	PNANTH	Anthracene	10.42	45	-1.60	0.64	50	-2.25	-1.67	-1.17	0.33
19	PNANTH	Anthracene	10.58	3	-4.47	0.89	3	0.00	-5.25	-4.67	-3.50
19	PNANTH	Anthracene	12.92	1	-4.50	0.00	1	0.00	0.00	0.00	-4.50
19	PNANTH	Anthracene	15.92	1	2.00	0.00	1	0.00	0.00	0.00	2.00
19	PNANTH	Anthracene	16.67	103	-4.65	3.64	103	-8.33	-5.00	-1.67	2.50
19	PNANTH	Anthracene	20.83	5	-5.55	3.61	5	-10.00	-8.17	-4.83	-0.83
19	PNANTH	Anthracene	41.67	6	-19.53	4.33	7	-27.08	-17.83	-16.92	300.00
19	PNANTH	Anthracene	42.50	1	-23.33	0.00	1	0.00	0.00	0.00	-23.33
19	PNANTH	Anthracene	47.25	1	-41.08	0.00	1	0.00	0.00	0.00	-41.08
19	PNANTH	Anthracene	83.33	5	-22.67	27.75	5	-70.00	-23.50	-13.17	-2.33
19	PNANTH	Anthracene	666.67	2	-4.17	5.89	2	0.00	-8.33	0.00	0.00
19	PNBAA	Benz(a)anthracene	0.26	3	0.34	0.35	3	0.00	0.14	0.14	0.74
19	PNBAA	Benz(a)anthracene	0.40	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNBAA	Benz(a)anthracene	2.00	2	-0.43	0.20	2	0.00	-0.57	0.00	-0.29
19	PNBAA	Benz(a)anthracene	2.40	4	-0.67	0.61	4	-1.20	-1.18	-0.20	-0.08

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quantiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNBAA	Benz(a)anthracene	4.00	4	-0.26	0.65	4	-1.12	-0.20	-0.18	0.46
19	PNBAA	Benz(a)anthracene	4.80	1	-3.10	0.00	1	0.00	0.00	0.00	-3.10
19	PNBAA	Benz(a)anthracene	5.00	3	0.55	1.47	3	0.00	-0.94	0.60	2.00
19	PNBAA	Benz(a)anthracene	5.70	1	13.50	0.00	1	0.00	0.00	0.00	13.50
19	PNBAA	Benz(a)anthracene	6.25	5	-1.12	0.78	5	-2.33	-1.25	-1.17	-0.43
19	PNBAA	Benz(a)anthracene	6.50	1	-6.10	0.00	1	0.00	0.00	0.00	-6.10
19	PNBAA	Benz(a)anthracene	8.00	25	2.15	1.71	27	0.22	2.16	3.58	17.80
19	PNBAA	Benz(a)anthracene	10.00	20	-1.54	4.27	20	-5.20	0.02	1.60	3.20
19	PNBAA	Benz(a)anthracene	16.00	10	-5.95	4.25	10	-11.41	-6.28	-5.60	-0.24
19	PNBAA	Benz(a)anthracene	20.00	56	-0.63	2.64	68	-4.20	-1.00	0.40	27.00
19	PNBAA	Benz(a)anthracene	22.00	1	6.00	0.00	1	0.00	0.00	0.00	6.00
19	PNBAA	Benz(a)anthracene	22.20	2	-13.50	3.25	2	0.00	-15.80	0.00	-11.20
19	PNBAA	Benz(a)anthracene	22.40	2	-3.90	0.42	2	0.00	-4.20	0.00	-3.60
19	PNBAA	Benz(a)anthracene	25.00	43	-4.01	2.87	51	-7.80	-4.20	-2.80	117.00
19	PNBAA	Benz(a)anthracene	40.00	104	-9.62	13.04	104	-20.80	-8.20	2.00	12.00
19	PNBAA	Benz(a)anthracene	41.80	1	25.20	0.00	1	0.00	0.00	0.00	25.20
19	PNBAA	Benz(a)anthracene	50.00	5	-12.40	12.33	5	-33.00	-13.00	-9.60	-1.40
19	PNBAA	Benz(a)anthracene	69.82	4	-30.32	1.00	4	-31.82	-29.82	-29.82	-29.82
19	PNBAA	Benz(a)anthracene	100.00	7	-55.89	18.05	8	-78.00	-47.60	-40.80	900.00
19	PNBAA	Benz(a)anthracene	200.00	5	-53.36	79.66	5	-193.20	-36.80	-27.00	4.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNBAA	Benz(a)anthracene	1,600.00	2	-160.00	113.14	2	0.00	-240.00	0.00	-80.00
19	PNBAP	Benzo(a)pyrene	0.23	3	0.66	0.10	3	0.00	0.60	0.60	0.77
19	PNBAP	Benzo(a)pyrene	0.33	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNBAP	Benzo(a)pyrene	1.67	2	-0.37	0.14	2	0.00	-0.46	0.00	-0.27
19	PNBAP	Benzo(a)pyrene	2.00	4	-0.56	0.56	4	-1.10	-0.97	-0.18	0.02
19	PNBAP	Benzo(a)pyrene	3.33	4	-1.19	1.21	4	-2.83	-1.07	-0.95	0.10
19	PNBAP	Benzo(a)pyrene	4.00	1	-2.87	0.00	1	0.00	0.00	0.00	-2.87
19	PNBAP	Benzo(a)pyrene	4.17	3	0.59	0.70	3	0.00	-0.05	0.50	1.33
19	PNBAP	Benzo(a)pyrene	4.80	1	6.00	0.00	1	0.00	0.00	0.00	6.00
19	PNBAP	Benzo(a)pyrene	5.21	5	-1.18	0.60	5	-2.11	-1.31	-1.07	-0.46
19	PNBAP	Benzo(a)pyrene	5.57	1	1.10	0.00	1	0.00	0.00	0.00	1.10
19	PNBAP	Benzo(a)pyrene	5.72	3	0.62	1.04	3	0.00	-0.55	0.95	1.45
19	PNBAP	Benzo(a)pyrene	5.83	1	-5.00	0.00	1	0.00	0.00	0.00	-5.00
19	PNBAP	Benzo(a)pyrene	6.67	24	2.06	1.42	27	0.50	1.67	3.00	15.83
19	PNBAP	Benzo(a)pyrene	8.17	3	-3.28	2.96	3	0.00	-6.50	-2.67	-0.67
19	PNBAP	Benzo(a)pyrene	8.33	17	-1.65	3.74	17	-7.00	-0.33	1.17	2.33
19	PNBAP	Benzo(a)pyrene	13.33	8	-9.32	2.42	10	-11.14	-9.63	-6.78	2.67
19	PNBAP	Benzo(a)pyrene	16.33	1	-11.67	0.00	1	0.00	0.00	0.00	-11.67
19	PNBAP	Benzo(a)pyrene	16.67	58	-1.19	2.77	68	-4.67	-1.00	0.33	24.67
19	PNBAP	Benzo(a)pyrene	18.33	1	3.33	0.00	1	0.00	0.00	0.00	3.33

Results expressed as the ratio: (result-expected)/RMDI.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNBAP	Benzo(a)pyrene	18.50	2	-12.08	3.65	2	0.00	-14.67	0.00	-9.50
19	PNBAP	Benzo(a)pyrene	18.67	2	-3.58	1.53	2	0.00	-4.67	0.00	-2.50
19	PNBAP	Benzo(a)pyrene	20.83	45	-3.07	2.97	51	-7.00	-3.17	-1.83	34.00
19	PNBAP	Benzo(a)pyrene	33.33	127	-13.08	10.97	127	-23.00	-12.67	-5.00	10.00
19	PNBAP	Benzo(a)pyrene	34.17	1	-14.17	0.00	1	0.00	0.00	0.00	-14.17
19	PNBAP	Benzo(a)pyrene	41.67	5	-10.07	11.45	5	-29.17	-8.67	-8.00	1.67
19	PNBAP	Benzo(a)pyrene	83.33	7	-49.19	15.73	8	-67.00	-48.58	-32.83	766.67
19	PNBAP	Benzo(a)pyrene	166.67	5	-39.23	69.89	5	-162.50	-21.00	-16.00	9.67
19	PNBAP	Benzo(a)pyrene	1,333.33	2	-75.00	58.93	2	0.00	-116.67	0.00	-33.33
19	PNBBFA	Benzo(b)fluoranthene	0.19	3	0.53	0.25	3	0.00	0.39	0.39	0.81
19	PNBBFA	Benzo(b)fluoranthene	0.86	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNBBFA	Benzo(b)fluoranthene	1.71	4	-0.50	0.40	4	-0.86	-0.84	-0.19	-0.13
19	PNBBFA	Benzo(b)fluoranthene	2.86	2	-0.38	0.29	2	0.00	-0.58	0.00	-0.18
19	PNBBFA	Benzo(b)fluoranthene	3.43	1	-2.43	0.00	1	0.00	0.00	0.00	-2.43
19	PNBBFA	Benzo(b)fluoranthene	3.57	3	0.79	1.19	3	0.00	-0.07	0.29	2.14
19	PNBBFA	Benzo(b)fluoranthene	4.07	1	4.21	0.00	1	0.00	0.00	0.00	4.21
19	PNBBFA	Benzo(b)fluoranthene	4.46	5	-0.65	1.09	5	-2.15	-0.92	-0.74	0.85
19	PNBBFA	Benzo(b)fluoranthene	4.64	1	-4.07	0.00	1	0.00	0.00	0.00	-4.07
19	PNBBFA	Benzo(b)fluoranthene	5.71	30	0.68	1.57	31	-0.51	0.46	2.04	17.00
19	PNBBFA	Benzo(b)fluoranthene	7.14	14	-0.23	0.93	16	-1.43	-0.16	0.06	1.14

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNBBFA	Benzo(b)fluoranthene	11.43	10	-4.64	3.14	10	-8.29	-4.71	-3.39	-0.17
19	PNBBFA	Benzo(b)fluoranthene	14.29	59	-1.22	2.28	72	-4.57	-1.14	0.00	13.86
19	PNBBFA	Benzo(b)fluoranthene	15.71	1	2.86	0.00	1	0.00	0.00	0.00	2.86
19	PNBBFA	Benzo(b)fluoranthene	15.86	2	-9.79	3.33	2	0.00	-12.14	0.00	-7.43
19	PNBBFA	Benzo(b)fluoranthene	16.00	2	-2.71	1.82	2	0.00	-4.00	0.00	-1.43
19	PNBBFA	Benzo(b)fluoranthene	17.79	3	-6.50	1.03	3	0.00	-7.36	-6.79	-5.36
19	PNBBFA	Benzo(b)fluoranthene	17.86	46	-3.90	2.74	51	-6.29	-4.43	-2.29	18.29
19	PNBBFA	Benzo(b)fluoranthene	17.91	1	-2.20	0.00	1	0.00	0.00	0.00	-2.20
19	PNBBFA	Benzo(b)fluoranthene	26.57	1	-6.14	0.00	1	0.00	0.00	0.00	-6.14
19	PNBBFA	Benzo(b)fluoranthene	28.57	102	-7.10	10.04	102	-16.00	-5.71	0.00	11.43
19	PNBBFA	Benzo(b)fluoranthene	35.71	5	-8.14	10.12	5	-25.00	-8.57	-5.71	1.43
19	PNBBFA	Benzo(b)fluoranthene	57.14	2	-17.14	0.00	2	0.00	-17.14	0.00	-17.14
19	PNBBFA	Benzo(b)fluoranthene	71.43	7	-43.27	12.06	8	-56.29	-38.57	-34.57	857.14
19	PNBBFA	Benzo(b)fluoranthene	142.86	5	-31.40	61.76	5	-139.86	-14.29	-12.86	15.14
19	PNBBFA	Benzo(b)fluoranthene	1,142.86	2	-407.14	414.16	2	0.00	-700.00	0.00	-114.29
19	PNBIPH	Biphenyl	6.67	1	1.00	0.00	1	0.00	0.00	0.00	1.00
19	PNBIPH	Biphenyl	8.50	3	-3.22	2.30	3	0.00	-5.83	-2.33	-1.50
19	PNBIPH	Biphenyl	13.33	1	18.33	0.00	1	0.00	0.00	0.00	18.33
19	PNBIPH	Biphenyl	16.67	6	-4.23	6.22	6	-16.37	-2.83	-2.17	1.00
19	PNBIPH	Biphenyl	16.83	1	-9.83	0.00	1	0.00	0.00	0.00	-9.83

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNBIPH	Biphenyl	18.33	1	8.33	0.00	1	0.00	0.00	0.00	8.33
19	PNBIPH	Biphenyl	18.67	1	-6.33	0.00	1	0.00	0.00	0.00	-6.33
19	PNBIPH	Biphenyl	20.83	6	-7.03	4.27	6	-14.33	-5.67	-5.00	-2.83
19	PNBIPH	Biphenyl	33.33	16	-8.66	6.07	17	-16.67	-10.00	-6.67	1.67
19	PNBIPH	Biphenyl	208.58	1	-151.92	0.00	1	0.00	0.00	0.00	-151.92
19	PNBKF	Benzo(k)fluoranthene	0.16	3	0.56	0.25	3	0.00	0.41	0.41	0.84
19	PNBKF	Benzo(k)fluoranthene	1.14	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNBKF	Benzo(k)fluoranthene	1.43	2	-0.24	0.01	2	0.00	-0.25	0.00	-0.23
19	PNBKF	Benzo(k)fluoranthene	1.71	4	-0.45	0.46	4	-0.90	-0.79	-0.16	0.03
19	PNBKF	Benzo(k)fluoranthene	2.86	4	-0.19	0.23	4	-0.51	-0.14	-0.11	0.01
19	PNBKF	Benzo(k)fluoranthene	3.43	1	-2.36	0.00	1	0.00	0.00	0.00	-2.36
19	PNBKF	Benzo(k)fluoranthene	3.57	3	0.87	1.20	3	0.00	-0.24	0.71	2.14
19	PNBKF	Benzo(k)fluoranthene	3.93	1	-3.36	0.00	1	0.00	0.00	0.00	-3.36
19	PNBKF	Benzo(k)fluoranthene	4.07	1	3.57	0.00	1	0.00	0.00	0.00	3.57
19	PNBKF	Benzo(k)fluoranthene	4.46	4	-0.53	0.47	5	-1.16	-0.61	-0.28	0.82
19	PNBKF	Benzo(k)fluoranthene	5.71	24	1.24	1.26	25	-0.51	1.43	2.04	3.43
19	PNBKF	Benzo(k)fluoranthene	7.14	17	-1.92	3.26	17	-6.43	-1.43	0.01	5.14
19	PNBKF	Benzo(k)fluoranthene	7.29	3	-1.19	3.03	3	0.00	-4.43	-0.71	1.57
19	PNBKF	Benzo(k)fluoranthene	11.43	9	-6.18	2.35	10	-8.69	-5.94	-4.14	2.30
19	PNBKF	Benzo(k)fluoranthene	14.29	57	-0.46	2.44	67	-3.57	-0.29	0.57	124.29

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNBKF	Benzo(k)fluoranthene	14.43	1	-10.29	0.00	1	0.00	0.00	0.00	-10.29
19	PNBKF	Benzo(k)fluoranthene	15.71	1	5.71	0.00	1	0.00	0.00	0.00	5.71
19	PNBKF	Benzo(k)fluoranthene	15.86	2	-10.36	3.13	2	0.00	-12.57	0.00	-8.14
19	PNBKF	Benzo(k)fluoranthene	16.00	2	-2.71	0.20	2	0.00	-2.86	0.00	-2.57
19	PNBKF	Benzo(k)fluoranthene	16.36	4	-5.57	2.26	4	-8.50	-5.79	-4.93	-3.07
19	PNBKF	Benzo(k)fluoranthene	17.86	42	-2.47	1.94	51	-4.57	-3.00	-1.00	12.71
19	PNBKF	Benzo(k)fluoranthene	27.86	1	-5.14	0.00	1	0.00	0.00	0.00	-5.14
19	PNBKF	Benzo(k)fluoranthene	28.57	98	-7.71	9.67	100	-16.00	-7.14	-1.43	31.43
19	PNBKF	Benzo(k)fluoranthene	35.71	5	-9.63	9.89	5	-25.43	-9.71	-7.43	1.86
19	PNBKF	Benzo(k)fluoranthene	71.43	7	-44.53	9.92	8	-55.71	-45.14	-34.57	557.14
19	PNBKF	Benzo(k)fluoranthene	142.86	5	-29.09	61.82	5	-138.14	-11.29	-9.71	14.57
19	PNBKF	Benzo(k)fluoranthene	1,142.86	2	700.00	1,090.97	2	0.00	-71.43	0.00	1471.43
19	PNCHRY	Chrysene	0.43	3	0.57	0.00	3	0.00	0.57	0.57	0.57
19	PNCHRY	Chrysene	0.67	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNCHRY	Chrysene	3.33	2	-0.65	0.12	2	0.00	-0.73	0.00	-0.56
19	PNCHRY	Chrysene	4.00	4	-1.12	0.89	4	-1.97	-1.80	-0.37	-0.33
19	PNCHRY	Chrysene	6.33	4	-1.15	1.74	4	-3.53	-1.20	-0.40	0.53
19	PNCHRY	Chrysene	8.00	1	-5.33	0.00	1	0.00	0.00	0.00	-5.33
19	PNCHRY	Chrysene	8.33	3	1.07	3.41	3	0.00	-2.47	1.33	4.33
19	PNCHRY	Chrysene	9.50	1	23.17	0.00	1	0.00	0.00	0.00	23.17

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNCHRY	Chrysene	10.40	5	-1.59	1.00	5	-3.13	-1.87	-1.40	-0.53
19	PNCHRY	Chrysene	10.83	1	-9.83	0.00	1	0.00	0.00	0.00	-9.83
19	PNCHRY	Chrysene	13.33	26	3.80	2.18	27	1.70	3.93	4.93	7.67
19	PNCHRY	Chrysene	15.67	3	-13.78	0.77	4	-14.67	-13.33	-13.33	-8.67
19	PNCHRY	Chrysene	16.67	12	-0.11	3.23	13	-3.93	-0.33	1.67	8.33
19	PNCHRY	Chrysene	17.00	3	-4.78	4.02	3	0.00	-9.00	-4.33	-1.00
19	PNCHRY	Chrysene	26.67	9	-11.78	8.97	10	-20.54	-11.80	-2.67	11273.33
19	PNCHRY	Chrysene	33.33	54	-0.80	3.64	66	-5.33	-0.67	0.33	29.00
19	PNCHRY	Chrysene	34.00	1	-22.33	0.00	1	0.00	0.00	0.00	-22.33
19	PNCHRY	Chrysene	36.67	1	10.00	0.00	1	0.00	0.00	0.00	10.00
19	PNCHRY	Chrysene	37.00	2	-23.17	10.14	2	0.00	-30.33	0.00	-16.00
19	PNCHRY	Chrysene	37.33	2	-5.17	0.24	2	0.00	-5.33	0.00	-5.00
19	PNCHRY	Chrysene	41.67	46	-5.55	5.32	51	-12.00	-6.33	-2.33	2.67
19	PNCHRY	Chrysene	60.00	1	35.00	0.00	1	0.00	0.00	0.00	35.00
19	PNCHRY	Chrysene	66.67	102	-19.29	18.91	104	-36.00	-16.67	-6.67	40.00
19	PNCHRY	Chrysene	83.33	5	-18.67	23.33	5	-56.67	-19.33	-16.67	5.00
19	PNCHRY	Chrysene	149.60	4	-99.35	32.95	4	-148.60	-86.27	-82.93	-79.60
19	PNCHRY	Chrysene	166.67	7	-101.88	27.17	8	-125.33	-109.50	-70.83	1400.00
19	PNCHRY	Chrysene	310.00	4	-18.17	23.79	4	-44.00	-30.67	-7.33	9.33
19	PNCHRY	Chrysene	333.33	1	-323.67	0.00	1	0.00	0.00	0.00	-323.67

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNCHRY	Chrysene	2,666.67	2	300.00	47.14	2	0.00	266.67	0.00	333.33
19	PNDAHA	Dibenz(a,h)anthracene	0.08	3	0.20	0.04	3	0.00	0.15	0.22	0.22
19	PNDAHA	Dibenz(a,h)anthracene	0.92	4	-0.27	0.28	4	-0.55	-0.45	-0.12	0.05
19	PNDAHA	Dibenz(a,h)anthracene	1.08	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNDAHA	Dibenz(a,h)anthracene	1.54	2	-0.20	0.03	2	0.00	-0.22	0.00	-0.18
19	PNDAHA	Dibenz(a,h)anthracene	1.85	1	-0.46	0.00	1	0.00	0.00	0.00	-0.46
19	PNDAHA	Dibenz(a,h)anthracene	1.92	3	0.02	0.50	3	0.00	-0.47	0.00	0.54
19	PNDAHA	Dibenz(a,h)anthracene	2.12	1	-1.81	0.00	1	0.00	0.00	0.00	-1.81
19	PNDAHA	Dibenz(a,h)anthracene	2.23	1	1.23	0.00	1	0.00	0.00	0.00	1.23
19	PNDAHA	Dibenz(a,h)anthracene	2.40	5	-0.56	0.26	5	-0.90	-0.70	-0.59	-0.28
19	PNDAHA	Dibenz(a,h)anthracene	3.08	27	-0.02	1.17	31	-1.19	0.30	1.19	4.62
19	PNDAHA	Dibenz(a,h)anthracene	3.85	13	2.02	2.12	13	-0.20	1.23	3.85	3.85
19	PNDAHA	Dibenz(a,h)anthracene	3.92	3	-1.82	1.36	3	0.00	-2.92	-2.23	-0.31
19	PNDAHA	Dibenz(a,h)anthracene	4.31	3	0.90	0.51	4	0.46	0.77	1.46	3.00
19	PNDAHA	Dibenz(a,h)anthracene	6.15	10	-2.61	2.70	10	-5.30	-3.62	-1.09	1.62
19	PNDAHA	Dibenz(a,h)anthracene	7.69	63	-1.52	2.04	69	-4.00	-0.92	0.08	13.69
19	PNDAHA	Dibenz(a,h)anthracene	7.77	1	-5.54	0.00	1	0.00	0.00	0.00	-5.54
19	PNDAHA	Dibenz(a,h)anthracene	8.46	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNDAHA	Dibenz(a,h)anthracene	8.54	2	-5.12	2.99	2	0.00	-7.23	0.00	-3.00
19	PNDAHA	Dibenz(a,h)anthracene	8.62	2	-2.12	0.92	2	0.00	-2.77	0.00	-1.46

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNDAlIA	Dibenz(a,h)anthracene	9.62	44	-1.42	1.21	51	-2.85	-1.46	-0.69	5.00
19	PNDAlIA	Dibenz(a,h)anthracene	15.08	1	0.77	0.00	1	0.00	0.00	0.00	0.77
19	PNDAlIA	Dibenz(a,h)anthracene	15.38	103	-4.75	5.25	104	-9.00	-4.62	0.00	9.23
19	PNDAlIA	Dibenz(a,h)anthracene	19.23	5	-3.91	5.70	5	-13.69	-3.62	-2.08	0.77
19	PNDAlIA	Dibenz(a,h)anthracene	38.46	7	-21.81	9.68	8	-31.85	-18.46	-14.92	884.62
19	PNDAlIA	Dibenz(a,h)anthracene	76.92	5	-5.60	40.07	5	-75.69	1.00	11.08	24.54
19	PNDAlIA	Dibenz(a,h)anthracene	615.38	2	-76.92	43.51	2	0.00	-107.69	0.00	-46.15
19	PNFLAN	Fluoranthene	0.33	3	0.34	0.29	3	0.00	0.18	0.18	0.68
19	PNFLAN	Fluoranthene	0.50	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNFLAN	Fluoranthene	3.00	4	-0.76	0.81	4	-1.45	-1.45	-0.18	0.05
19	PNFLAN	Fluoranthene	5.00	2	-0.51	0.03	2	0.00	-0.53	0.00	-0.49
19	PNFLAN	Fluoranthene	6.00	1	-3.25	0.00	1	0.00	0.00	0.00	-3.25
19	PNFLAN	Fluoranthene	6.25	3	-0.43	1.41	3	0.00	-2.05	0.25	0.50
19	PNFLAN	Fluoranthene	7.20	1	15.10	0.00	1	0.00	0.00	0.00	15.10
19	PNFLAN	Fluoranthene	7.81	5	-1.20	0.94	5	-2.76	-1.04	-1.01	-0.21
19	PNFLAN	Fluoranthene	8.13	1	-6.68	0.00	1	0.00	0.00	0.00	-6.68
19	PNFLAN	Fluoranthene	10.00	29	2.54	2.78	31	-0.35	2.23	4.25	7.50
19	PNFLAN	Fluoranthene	12.50	9	0.71	0.64	13	-0.05	0.50	1.10	6.13
19	PNFLAN	Fluoranthene	13.00	3	-3.83	3.17	3	0.00	-7.25	-3.25	-1.00
19	PNFLAN	Fluoranthene	20.00	9	-0.56	2.01	10	-3.25	0.50	0.78	30.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNFLAN	Fluoranthene	25.00	61	-0.74	3.53	70	-4.75	-0.50	1.25	215.00
19	PNFLAN	Fluoranthene	26.00	1	-17.25	0.00	1	0.00	0.00	0.00	-17.25
19	PNFLAN	Fluoranthene	27.50	1	12.50	0.00	1	0.00	0.00	0.00	12.50
19	PNFLAN	Fluoranthene	27.75	2	-5.25	3.54	2	0.00	-7.75	0.00	-2.75
19	PNFLAN	Fluoranthene	28.00	2	-5.63	4.07	2	0.00	-8.50	0.00	-2.75
19	PNFLAN	Fluoranthene	31.25	46	-5.70	2.99	51	-7.50	-5.50	-3.50	4.75
19	PNFLAN	Fluoranthene	50.00	95	-9.47	7.82	104	-15.00	-10.00	-2.50	25.00
19	PNFLAN	Fluoranthene	60.25	1	1.50	0.00	1	0.00	0.00	0.00	1.50
19	PNFLAN	Fluoranthene	62.50	5	-2.65	19.92	5	-32.50	-6.75	-1.75	22.00
19	PNFLAN	Fluoranthene	125.00	5	-57.40	6.12	8	-63.13	-59.63	-50.13	24.13
19	PNFLAN	Fluoranthene	150.75	1	-70.75	0.00	1	0.00	0.00	0.00	-70.75
19	PNFLAN	Fluoranthene	150.83	3	-79.16	5.20	3	0.00	-83.33	-80.83	-73.33
19	PNFLAN	Fluoranthene	250.00	5	-69.25	70.86	5	-192.50	-55.75	-53.75	-18.25
19	PNFLAN	Fluoranthene	2,000.00	2	37.50	88.39	2	0.00	-25.00	0.00	100.00
19	PNFLUO	Fluorene	0.08	3	0.18	0.14	3	0.00	0.10	0.10	0.34
19	PNFLUO	Fluorene	0.12	1	2.00	0.00	1	0.00	0.00	0.00	2.00
19	PNFLUO	Fluorene	0.71	4	-0.19	0.17	4	-0.35	-0.33	-0.08	-0.01
19	PNFLUO	Fluorene	1.18	2	-0.15	0.00	2	0.00	-0.15	0.00	-0.15
19	PNFLUO	Fluorene	1.41	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
19	PNFLUO	Fluorene	1.47	3	-0.50	0.32	3	0.00	-0.85	-0.41	-0.24

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNFLUO	Fluorene	1.69	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
19	PNFLUO	Fluorene	1.84	5	-0.47	0.30	5	-0.94	-0.59	-0.28	-0.26
19	PNFLUO	Fluorene	1.91	1	-1.74	0.00	1	0.00	0.00	0.00	-1.74
19	PNFLUO	Fluorene	2.35	29	0.34	0.39	31	-0.01	0.24	0.65	1.01
19	PNFLUO	Fluorene	2.94	13	0.02	0.47	13	-0.53	0.12	0.20	0.71
19	PNFLUO	Fluorene	3.06	3	-1.00	0.79	3	0.00	-1.88	-0.77	-0.35
19	PNFLUO	Fluorene	4.71	9	-0.15	1.02	10	-1.18	0.29	0.69	4.71
19	PNFLUO	Fluorene	5.88	55	-0.24	0.44	70	-0.77	-0.29	0.06	1.77
19	PNFLUO	Fluorene	6.12	1	-4.00	0.00	1	0.00	0.00	0.00	-4.00
19	PNFLUO	Fluorene	6.47	1	2.94	0.00	1	0.00	0.00	0.00	2.94
19	PNFLUO	Fluorene	6.53	2	0.82	2.08	2	0.00	-0.65	0.00	2.29
19	PNFLUO	Fluorene	6.59	2	-1.12	1.33	2	0.00	-2.06	0.00	-0.18
19	PNFLUO	Fluorene	7.35	48	-1.07	0.47	51	-1.53	-1.18	-0.71	0.29
19	PNFLUO	Fluorene	8.76	1	-0.47	0.00	1	0.00	0.00	0.00	-0.47
19	PNFLUO	Fluorene	11.76	95	-2.07	1.73	105	-3.18	-1.77	-0.59	4.12
19	PNFLUO	Fluorene	14.71	4	-4.77	0.91	5	-6.00	-4.71	-4.53	-0.29
19	PNFLUO	Fluorene	29.41	7	-7.04	3.70	8	-11.24	-6.74	-4.00	341.18
19	PNFLUO	Fluorene	43.79	3	-29.28	1.80	4	-30.85	-29.68	-27.32	-23.79
19	PNFLUO	Fluorene	58.82	5	-2.57	21.79	5	-26.47	-25.35	6.06	18.65
19	PNFLUO	Fluorene	470.59	2	-5.88	0.00	2	0.00	-5.88	0.00	-5.88

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNGHIP	Benzo(g,h,i)perylene	0.14	3	0.57	0.25	3	0.00	0.43	0.43	0.86
19	PNGHIP	Benzo(g,h,i)perylene	1.71	4	-0.47	0.51	4	-0.99	-0.81	-0.14	0.06
19	PNGHIP	Benzo(g,h,i)perylene	2.43	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNGHIP	Benzo(g,h,i)perylene	2.86	2	-0.33	0.17	2	0.00	-0.46	0.00	-0.21
19	PNGHIP	Benzo(g,h,i)perylene	3.43	1	-0.71	0.00	1	0.00	0.00	0.00	-0.71
19	PNGHIP	Benzo(g,h,i)perylene	3.57	4	-0.52	1.80	4	-3.00	-0.63	0.57	1.00
19	PNGHIP	Benzo(g,h,i)perylene	4.07	1	3.14	0.00	1	0.00	0.00	0.00	3.14
19	PNGHIP	Benzo(g,h,i)perylene	4.46	5	-0.66	0.46	5	-1.38	-0.79	-0.59	-0.16
19	PNGHIP	Benzo(g,h,i)perylene	5.71	24	0.51	1.58	31	-0.34	0.46	2.20	8.57
19	PNGHIP	Benzo(g,h,i)perylene	6.93	4	-0.36	2.07	4	-2.64	-1.36	0.50	2.07
19	PNGHIP	Benzo(g,h,i)perylene	7.14	14	-0.59	2.32	16	-2.43	0.29	1.57	7.14
19	PNGHIP	Benzo(g,h,i)perylene	11.43	9	-5.72	4.35	10	-9.57	-7.73	-2.34	22.00
19	PNGHIP	Benzo(g,h,i)perylene	14.29	70	-3.68	4.67	71	-8.29	-1.71	-0.43	19.86
19	PNGHIP	Benzo(g,h,i)perylene	15.71	1	4.29	0.00	1	0.00	0.00	0.00	4.29
19	PNGHIP	Benzo(g,h,i)perylene	15.86	2	-9.93	4.55	2	0.00	-13.14	0.00	-6.71
19	PNGHIP	Benzo(g,h,i)perylene	16.00	2	-2.79	2.32	2	0.00	-4.43	0.00	-1.14
19	PNGHIP	Benzo(g,h,i)perylene	17.86	42	-1.84	1.95	50	-3.71	-2.14	-0.71	5.14
19	PNGHIP	Benzo(g,h,i)perylene	27.71	1	13.86	0.00	1	0.00	0.00	0.00	13.86
19	PNGHIP	Benzo(g,h,i)perylene	28.57	102	-9.55	9.27	104	-17.00	-8.57	-1.43	17.14
19	PNGHIP	Benzo(g,h,i)perylene	35.71	5	-8.91	9.58	5	-26.00	-5.43	-5.29	-3.57

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNGHIP	Benzo(g,h,i)perylene	71.43	7	-41.71	16.68	8	-59.29	-33.57	-25.71	800.00
19	PNGHIP	Benzo(g,h,i)perylene	142.86	5	-31.91	61.28	5	-140.43	-15.14	-11.14	6.00
19	PNGHIP	Benzo(g,h,i)perylene	1,142.86	2	-150.00	70.71	2	0.00	-200.00	0.00	-100.00
19	PNINDL	Indole	0.07	3	0.51	0.09	3	0.00	0.41	0.56	0.56
19	PNINDL	Indole	0.63	4	-0.17	0.10	4	-0.31	-0.18	-0.09	-0.08
19	PNINDL	Indole	1.06	2	-0.19	0.01	2	0.00	-0.19	0.00	-0.18
19	PNINDL	Indole	1.26	1	-0.53	0.00	1	0.00	0.00	0.00	-0.53
19	PNINDL	Indole	1.37	1	-0.42	0.00	1	0.00	0.00	0.00	-0.42
19	PNINDL	Indole	1.47	1	-1.31	0.00	1	0.00	0.00	0.00	-1.31
19	PNINDL	Indole	1.71	1	-1.08	0.00	1	0.00	0.00	0.00	-1.08
19	PNINDL	Indole	1.84	5	-0.87	0.14	5	-1.03	-1.03	-0.82	-0.73
19	PNINDL	Indole	2.11	3	-1.64	0.61	4	-2.08	-1.90	-0.95	0.32
19	PNINDL	Indole	2.15	21	0.14	0.55	23	-0.18	0.02	0.59	2145.22
19	PNINDL	Indole	2.63	37	-0.05	0.16	44	-0.16	-0.05	0.11	0.74
19	PNINDL	Indole	2.68	6	-0.16	0.58	6	-1.21	0.00	0.11	0.39
19	PNINDL	Indole	4.21	2	-0.58	2.31	2	0.00	-2.21	0.00	1.05
19	PNINDL	Indole	5.18	6	-3.74	1.09	8	-4.18	-4.18	-1.86	3.30
19	PNINDL	Indole	5.26	33	-2.75	1.99	34	-4.63	-3.11	-1.53	1.68
19	PNINDL	Indole	5.79	1	1.05	0.00	1	0.00	0.00	0.00	1.05
19	PNINDL	Indole	5.84	2	-0.32	1.86	2	0.00	-1.63	0.00	1.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNINDL	Indole	5.89	2	-2.61	0.93	2	0.00	-3.26	0.00	-1.95
19	PNINDL	Indole	6.58	46	-1.84	0.50	51	-2.37	-1.95	-1.53	-0.90
19	PNINDL	Indole	7.74	3	-4.76	1.52	3	0.00	-5.63	-5.63	-3.00
19	PNINDL	Indole	10.53	101	-4.27	3.53	107	-6.74	-4.21	-1.58	14.19
19	PNINDL	Indole	13.05	1	2.26	0.00	1	0.00	0.00	0.00	2.26
19	PNINDL	Indole	13.16	4	-4.80	3.71	4	-10.26	-3.95	-2.63	-2.37
19	PNINDL	Indole	15.47	2	-7.24	0.41	2	0.00	-7.53	0.00	-6.95
19	PNINDL	Indole	26.32	7	-4.39	5.63	8	-9.90	-4.74	-0.32	89.47
19	PNINDL	Indole	26.84	1	-7.90	0.00	1	0.00	0.00	0.00	-7.90
19	PNINDL	Indole	52.63	4	-13.41	4.56	5	-18.58	-14.74	-12.68	-0.79
19	PNINDL	Indole	65.20	3	-35.90	2.13	4	-37.83	-36.25	-33.62	-26.25
19	PNINDL	Indole	421.05	2	-323.34	137.22	2	0.00	-420.37	0.00	-226.32
19	PNINP	Indeno(1,2,3-cd)pyrene	0.11	3	0.28	0.13	3	0.00	0.12	0.35	0.35
19	PNINP	Indeno(1,2,3-cd)pyrene	0.77	3	-0.09	0.08	3	0.00	-0.16	-0.11	0.00
19	PNINP	Indeno(1,2,3-cd)pyrene	0.92	4	-0.26	0.28	4	-0.54	-0.45	-0.10	0.06
19	PNINP	Indeno(1,2,3-cd)pyrene	1.08	3	0.10	0.19	4	-0.08	0.08	0.31	0.69
19	PNINP	Indeno(1,2,3-cd)pyrene	1.54	4	-0.07	0.01	4	-0.09	-0.07	-0.07	-0.05
19	PNINP	Indeno(1,2,3-cd)pyrene	1.85	1	-0.62	0.00	1	0.00	0.00	0.00	-0.62
19	PNINP	Indeno(1,2,3-cd)pyrene	1.92	3	0.25	0.63	3	0.00	-0.33	0.15	0.92
19	PNINP	Indeno(1,2,3-cd)pyrene	2.23	1	4.15	0.00	1	0.00	0.00	0.00	4.15

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNINP	Indeno(1,2,3-cd)pyrene	2.40	5	-0.48	0.26	5	-0.90	-0.53	-0.44	-0.21
19	PNINP	Indeno(1,2,3-cd)pyrene	2.69	1	-2.23	0.00	1	0.00	0.00	0.00	-2.23
19	PNINP	Indeno(1,2,3-cd)pyrene	3.08	27	0.55	2.42	27	-1.59	0.04	1.77	4.62
19	PNINP	Indeno(1,2,3-cd)pyrene	3.85	20	-0.36	2.21	20	-2.85	-0.23	0.15	3.85
19	PNINP	Indeno(1,2,3-cd)pyrene	6.15	9	-2.48	2.65	10	-5.06	-3.72	-0.81	6.15
19	PNINP	Indeno(1,2,3-cd)pyrene	7.69	66	-1.17	2.42	67	-3.39	-0.62	0.62	6.15
19	PNINP	Indeno(1,2,3-cd)pyrene	8.46	1	-1.15	0.00	1	0.00	0.00	0.00	-1.15
19	PNINP	Indeno(1,2,3-cd)pyrene	8.54	2	-4.73	3.21	2	0.00	-7.00	0.00	-2.46
19	PNINP	Indeno(1,2,3-cd)pyrene	8.62	2	-1.81	1.69	2	0.00	-3.00	0.00	-0.62
19	PNINP	Indeno(1,2,3-cd)pyrene	9.62	44	-1.84	1.25	51	-3.23	-1.85	-1.15	6.46
19	PNINP	Indeno(1,2,3-cd)pyrene	15.38	102	-5.08	5.21	104	-9.39	-4.62	-0.77	12.31
19	PNINP	Indeno(1,2,3-cd)pyrene	19.23	5	-4.75	5.63	5	-14.62	-3.62	-2.85	-0.54
19	PNINP	Indeno(1,2,3-cd)pyrene	21.54	1	1.92	0.00	1	0.00	0.00	0.00	1.92
19	PNINP	Indeno(1,2,3-cd)pyrene	38.46	7	-24.13	6.74	8	-31.08	-21.08	-20.31	438.46
19	PNINP	Indeno(1,2,3-cd)pyrene	76.92	5	-12.22	36.71	5	-75.08	-10.23	-2.69	17.00
19	PNINP	Indeno(1,2,3-cd)pyrene	615.38	2	-80.77	38.08	2	0.00	-107.69	0.00	-53.85
19	PNNAPH	Naphthalene	0.08	3	0.18	0.11	3	0.00	0.11	0.11	0.30
19	PNNAPH	Naphthalene	0.19	1	0.00	0.00	1	0.00	0.00	0.00	0.00
19	PNNAPH	Naphthalene	0.75	4	-0.13	0.24	4	-0.38	-0.28	0.03	0.13
19	PNNAPH	Naphthalene	1.50	1	-0.39	0.00	1	0.00	0.00	0.00	-0.39

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNNAPH	Naphthalene	1.56	3	-1.10	0.18	3	0.00	-1.31	-1.00	-1.00
19	PNNAPH	Naphthalene	1.80	1	-0.53	0.00	1	0.00	0.00	0.00	-0.53
19	PNNAPH	Naphthalene	1.88	1	-1.69	0.00	1	0.00	0.00	0.00	-1.69
19	PNNAPH	Naphthalene	1.95	5	-0.82	0.11	5	-1.00	-0.85	-0.78	-0.71
19	PNNAPH	Naphthalene	2.50	23	0.17	0.36	26	-0.11	0.13	0.43	1.06
19	PNNAPH	Naphthalene	3.13	12	-0.30	0.37	13	-0.63	-0.31	-0.11	0.88
19	PNNAPH	Naphthalene	3.31	3	-1.52	0.83	3	0.00	-2.44	-1.31	-0.81
19	PNNAPH	Naphthalene	5.00	8	-0.68	0.54	10	-1.34	-0.78	-0.58	4.38
19	PNNAPH	Naphthalene	6.25	64	-0.84	1.14	70	-2.06	-0.81	-0.19	0.94
19	PNNAPH	Naphthalene	6.56	1	-4.38	0.00	1	0.00	0.00	0.00	-4.38
19	PNNAPH	Naphthalene	6.88	1	3.75	0.00	1	0.00	0.00	0.00	3.75
19	PNNAPH	Naphthalene	6.94	2	-0.50	1.50	2	0.00	-1.56	0.00	0.56
19	PNNAPH	Naphthalene	7.00	1	-1.63	0.00	1	0.00	0.00	0.00	-1.63
19	PNNAPH	Naphthalene	7.81	47	-1.91	0.59	51	-2.56	-1.94	-1.63	-0.63
19	PNNAPH	Naphthalene	11.38	1	-1.63	0.00	1	0.00	0.00	0.00	-1.63
19	PNNAPH	Naphthalene	12.50	126	-3.37	2.42	132	-5.63	-3.25	-1.25	20.91
19	PNNAPH	Naphthalene	15.63	3	-4.92	0.36	5	-5.13	-5.13	-4.50	-2.50
19	PNNAPH	Naphthalene	31.25	11	-15.16	13.34	12	-30.56	-12.25	-4.00	162.50
19	PNNAPH	Naphthalene	56.25	4	-31.41	10.65	4	-46.88	-28.13	-28.13	-22.50
19	PNNAPH	Naphthalene	62.50	5	12.48	22.30	5	-20.63	9.19	13.31	41.44

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNNAPH	Naphthalene	500.00	2	176.25	22.98	2	0.00	160.00	0.00	192.50
19	PNNAPH	Naphthalene	25,000.00	1	-24997.13	0.00	1	0.00	0.00	0.00	-24997.13
19	PNPERY	Perylene	0.08	3	0.16	0.08	3	0.00	0.12	0.12	0.25
19	PNPERY	Perylene	0.80	4	-0.23	0.22	4	-0.46	-0.37	-0.05	-0.03
19	PNPERY	Perylene	1.34	2	-0.16	0.05	2	0.00	-0.19	0.00	-0.12
19	PNPERY	Perylene	1.60	1	-1.07	0.00	1	0.00	0.00	0.00	-1.07
19	PNPERY	Perylene	1.65	1	-0.13	0.00	1	0.00	0.00	0.00	-0.13
19	PNPERY	Perylene	1.87	1	2.40	0.00	1	0.00	0.00	0.00	2.40
19	PNPERY	Perylene	2.00	1	-1.80	0.00	1	0.00	0.00	0.00	-1.80
19	PNPERY	Perylene	2.06	5	-0.28	0.28	5	-0.70	-0.34	-0.30	0.06
19	PNPERY	Perylene	2.67	20	0.70	0.41	27	0.03	0.60	0.83	6.40
19	PNPERY	Perylene	3.33	15	-0.88	0.93	16	-1.87	-1.00	-0.07	2.80
19	PNPERY	Perylene	5.33	2	-3.37	1.74	2	0.00	-4.60	0.00	-2.13
19	PNPERY	Perylene	5.39	7	-3.86	0.96	8	-4.73	-4.37	-2.98	-0.79
19	PNPERY	Perylene	6.67	59	-0.90	1.53	65	-2.87	-0.60	0.07	7.80
19	PNPERY	Perylene	7.20	1	-5.91	0.00	1	0.00	0.00	0.00	-5.91
19	PNPERY	Perylene	7.33	3	-4.13	0.58	5	-4.47	-4.47	-3.47	0.67
19	PNPERY	Perylene	7.40	2	-4.87	1.70	2	0.00	-6.07	0.00	-3.67
19	PNPERY	Perylene	7.47	2	-1.40	0.57	2	0.00	-1.80	0.00	-1.00
19	PNPERY	Perylene	7.97	4	-2.00	0.92	4	-3.23	-2.17	-1.30	-1.30

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNPERY	Perylene	12.73	1	3.07	0.00	1	0.00	0.00	0.00	3.07
19	PNPERY	Perylene	13.33	107	-4.09	4.25	107	-7.60	-4.00	-0.67	5.33
19	PNPERY	Perylene	14.67	2	-3.50	0.05	2	0.00	-3.53	0.00	-3.47
19	PNPERY	Perylene	15.67	44	-2.55	2.39	50	-5.47	-2.33	-1.27	6.40
19	PNPERY	Perylene	16.67	6	-0.96	0.85	9	-2.13	-1.13	-0.40	14.00
19	PNPERY	Perylene	33.33	9	-21.86	7.03	9	-27.33	-26.27	-15.67	-13.60
19	PNPERY	Perylene	66.67	1	-65.00	0.00	1	0.00	0.00	0.00	-65.00
19	PNPERY	Perylene	533.33	2	36.67	4.71	2	0.00	33.33	0.00	40.00
19	PNPIEN	Phenanthrene	0.33	3	0.51	0.14	3	0.00	0.43	0.43	0.68
19	PNPHEN	Phenanthrene	2.50	2	-0.54	0.31	2	0.00	-0.76	0.00	-0.33
19	PNPIEN	Phenanthrene	3.00	4	-0.79	0.72	4	-1.43	-1.40	-0.23	-0.13
19	PNPHEN	Phenanthrene	5.00	4	-0.08	1.89	4	-1.78	-1.63	1.25	1.83
19	PNPHEN	Phenanthrene	6.00	1	-3.50	0.00	1	0.00	0.00	0.00	-3.50
19	PNPHEN	Phenanthrene	6.25	3	-0.33	2.16	3	0.00	-2.25	-0.75	2.00
19	PNPHEN	Phenanthrene	7.20	1	7.50	0.00	1	0.00	0.00	0.00	7.50
19	PNPHEN	Phenanthrene	7.81	5	-1.58	1.12	5	-3.56	-1.26	-1.19	-0.84
19	PNPHEN	Phenanthrene	8.13	1	-6.10	0.00	1	0.00	0.00	0.00	-6.10
19	PNPIEN	Phenanthrene	10.00	26	1.58	2.05	27	-0.73	1.50	2.75	4.55
19	PNPHEN	Phenanthrene	12.50	17	-1.45	4.05	17	-6.00	0.00	1.25	3.50
19	PNPHEN	Phenanthrene	13.00	3	-4.33	2.98	3	0.00	-7.75	-3.00	-2.25

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNPHEN	Phenanthrene	20.00	9	0.14	2.72	10	-2.75	0.50	2.11	35.00
19	PNPHEN	Phenanthrene	25.00	56	0.11	1.88	67	-2.50	0.00	1.00	7.50
19	PNPHEN	Phenanthrene	26.00	1	-16.50	0.00	1	0.00	0.00	0.00	-16.50
19	PNPHEN	Phenanthrene	27.50	1	10.00	0.00	1	0.00	0.00	0.00	10.00
19	PNPHEN	Phenanthrene	27.75	2	1.00	1.77	2	0.00	-0.25	0.00	2.25
19	PNPHEN	Phenanthrene	28.00	1	-1.25	0.00	1	0.00	0.00	0.00	-1.25
19	PNPHEN	Phenanthrene	31.25	49	-4.99	2.71	51	-7.25	-5.00	-2.75	3.25
19	PNPHEN	Phenanthrene	36.00	1	-5.25	0.00	1	0.00	0.00	0.00	-5.25
19	PNPHEN	Phenanthrene	50.00	100	-6.56	9.16	102	-13.75	-7.50	0.00	15.00
19	PNPHEN	Phenanthrene	62.50	4	-12.25	2.41	5	-15.00	-13.00	-11.75	-3.00
19	PNPHEN	Phenanthrene	125.00	6	-36.33	7.54	8	-49.25	-36.75	-30.50	775.00
19	PNPHEN	Phenanthrene	127.50	1	-15.00	0.00	1	0.00	0.00	0.00	-15.00
19	PNPHEN	Phenanthrene	179.88	3	-111.54	7.64	4	-119.88	-109.88	-104.88	-82.38
19	PNPHEN	Phenanthrene	250.00	5	-36.60	63.69	5	-135.00	-65.50	-6.50	18.25
19	PNPHEN	Phenanthrene	2,000.00	2	-100.00	0.00	2	0.00	-100.00	0.00	-100.00
19	PNPYR	Pyrene	0.33	3	0.51	0.14	3	0.00	0.43	0.43	0.68
19	PNPYR	Pyrene	2.50	2	-0.49	0.17	2	0.00	-0.62	0.00	-0.37
19	PNPYR	Pyrene	3.00	4	-0.74	0.81	4	-1.45	-1.43	-0.15	0.08
19	PNPYR	Pyrene	5.00	3	-2.06	1.24	4	-2.87	-2.68	-0.63	0.98
19	PNPYR	Pyrene	6.00	1	-3.35	0.00	1	0.00	0.00	0.00	-3.35

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNPYR	Pyrene	6.25	3	-0.21	1.45	3	0.00	-1.88	0.50	0.75
19	PNPYR	Pyrene	7.20	1	14.60	0.00	1	0.00	0.00	0.00	14.60
19	PNPYR	Pyrene	7.81	5	-1.15	0.99	5	-2.76	-1.01	-0.96	-0.06
19	PNPYR	Pyrene	8.13	1	-6.48	0.00	1	0.00	0.00	0.00	-6.48
19	PNPYR	Pyrene	10.00	26	3.19	2.35	27	0.43	2.75	4.75	7.75
19	PNPYR	Pyrene	12.50	17	-0.52	3.47	17	-3.50	-0.03	1.00	6.15
19	PNPYR	Pyrene	13.75	3	-4.00	3.28	3	0.00	-7.50	-3.50	-1.00
19	PNPYR	Pyrene	20.00	8	-1.02	1.70	10	-3.25	-0.88	-0.40	32.50
19	PNPYR	Pyrene	25.00	59	-0.38	2.90	67	-3.30	-0.50	1.75	25.50
19	PNPYR	Pyrene	27.50	2	-3.00	21.92	2	0.00	-18.50	0.00	12.50
19	PNPYR	Pyrene	27.75	2	-5.50	3.89	2	0.00	-8.25	0.00	-2.75
19	PNPYR	Pyrene	28.00	2	-5.63	3.71	2	0.00	-8.25	0.00	-3.00
19	PNPYR	Pyrene	31.25	46	-4.92	3.04	51	-7.25	-5.00	-2.50	5.25
19	PNPYR	Pyrene	50.00	100	-8.99	9.79	104	-17.50	-10.00	-2.50	22.50
19	PNPYR	Pyrene	57.25	1	54.25	0.00	1	0.00	0.00	0.00	54.25
19	PNPYR	Pyrene	62.50	4	-16.81	16.27	5	-36.25	-24.25	-3.75	32.50
19	PNPYR	Pyrene	125.00	6	-57.79	8.12	8	-65.75	-61.75	-48.00	1675.00
19	PNPYR	Pyrene	127.50	1	-60.00	0.00	1	0.00	0.00	0.00	-60.00
19	PNPYR	Pyrene	143.20	4	-73.83	5.15	4	-78.20	-78.20	-70.70	-68.20
19	PNPYR	Pyrene	250.00	5	-64.20	84.38	5	-212.50	-45.00	-39.50	-6.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
19	PNPYR	Pyrene	2,000.00	2	-37.50	17.68	2	0.00	-50.00	0.00	-25.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quantiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM24DP	2,4-Dichlorophenol	0.15	3	0.36	0.34	3	0.00	-0.04	0.55	0.55
20	PM24DP	2,4-Dichlorophenol	0.71	1	-0.07	0.00	1	0.00	0.00	0.00	-0.07
20	PM24DP	2,4-Dichlorophenol	0.94	3	-0.26	0.21	3	0.00	-0.44	-0.31	-0.02
20	PM24DP	2,4-Dichlorophenol	1.18	1	-0.44	0.00	1	0.00	0.00	0.00	-0.44
20	PM24DP	2,4-Dichlorophenol	1.41	2	0.62	0.37	2	0.00	0.35	0.00	0.88
20	PM24DP	2,4-Dichlorophenol	1.84	5	0.10	0.29	5	-0.25	-0.15	0.13	0.39
20	PM24DP	2,4-Dichlorophenol	2.35	8	-0.63	0.42	9	-1.00	-0.65	-0.41	0.29
20	PM24DP	2,4-Dichlorophenol	2.94	1	-1.80	0.00	1	0.00	0.00	0.00	-1.80
20	PM24DP	2,4-Dichlorophenol	3.18	3	-1.29	1.06	3	0.00	-2.41	-1.18	-0.29
20	PM24DP	2,4-Dichlorophenol	3.86	4	-1.55	0.37	5	-1.98	-1.68	-1.45	0.26
20	PM24DP	2,4-Dichlorophenol	4.71	2	0.53	2.58	2	0.00	-1.29	0.00	2.35
20	PM24DP	2,4-Dichlorophenol	5.08	8	-0.89	0.86	8	-1.94	-0.70	-0.62	0.51
20	PM24DP	2,4-Dichlorophenol	5.88	13	-0.38	0.83	15	-1.35	-0.71	0.00	1.77
20	PM24DP	2,4-Dichlorophenol	6.29	1	-4.12	0.00	1	0.00	0.00	0.00	-4.12
20	PM24DP	2,4-Dichlorophenol	8.82	26	-0.33	0.64	34	-1.06	-0.47	0.00	1.65
20	PM24DP	2,4-Dichlorophenol	9.79	2	-2.56	1.75	2	0.00	-3.79	0.00	-1.32
20	PM24DP	2,4-Dichlorophenol	11.76	119	-3.43	2.27	124	-5.29	-3.53	-1.77	2.35
20	PM24DP	2,4-Dichlorophenol	12.15	1	-1.57	0.00	1	0.00	0.00	0.00	-1.57
20	PM24DP	2,4-Dichlorophenol	14.71	67	-3.22	1.50	75	-4.82	-3.24	-2.47	3.00
20	PM24DP	2,4-Dichlorophenol	14.85	22	-0.23	1.39	29	-2.91	-0.68	0.09	4.21

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM24DP	2,4-Dichlorophenol	14.88	1	-1.94	0.00	1	0.00	0.00	0.00	-1.94
20	PM24DP	2,4-Dichlorophenol	18.59	14	-7.06	2.53	15	-8.88	-7.88	-5.71	2.00
20	PM24DP	2,4-Dichlorophenol	23.53	2	-8.88	1.75	2	0.00	-10.12	0.00	-7.65
20	PM24DP	2,4-Dichlorophenol	29.41	6	-9.41	2.53	9	-12.35	-10.71	-7.53	1.35
20	PM24DP	2,4-Dichlorophenol	30.00	1	6.47	0.00	1	0.00	0.00	0.00	6.47
20	PM24DP	2,4-Dichlorophenol	42.41	1	16.41	0.00	1	0.00	0.00	0.00	16.41
20	PM24DP	2,4-Dichlorophenol	58.82	1	-12.35	0.00	1	0.00	0.00	0.00	-12.35
20	PM24DP	2,4-Dichlorophenol	59.41	1	-35.47	0.00	1	0.00	0.00	0.00	-35.47
20	PM24DP	2,4-Dichlorophenol	294.12	4	235.23	122.13	4	78.65	227.56	259.55	375.15
20	PM24DP	2,4-Dichlorophenol	941.18	2	-135.30	108.15	2	0.00	-211.77	0.00	-58.82
20	PM24MP	2,4-Dimethylphenol	0.04	3	0.15	0.08	3	0.00	0.06	0.19	0.19
20	PM24MP	2,4-Dimethylphenol	0.16	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
20	PM24MP	2,4-Dimethylphenol	0.22	3	0.01	0.21	3	0.00	-0.11	-0.11	0.26
20	PM24MP	2,4-Dimethylphenol	0.27	1	-0.25	0.00	1	0.00	0.00	0.00	-0.25
20	PM24MP	2,4-Dimethylphenol	0.33	2	0.76	0.01	2	0.00	0.75	0.00	0.77
20	PM24MP	2,4-Dimethylphenol	0.34	1	-0.26	0.00	1	0.00	0.00	0.00	-0.26
20	PM24MP	2,4-Dimethylphenol	0.43	4	0.08	0.05	5	0.03	0.07	0.09	0.28
20	PM24MP	2,4-Dimethylphenol	0.55	8	-0.18	0.08	9	-0.25	-0.18	-0.16	-0.01
20	PM24MP	2,4-Dimethylphenol	0.77	3	-0.60	0.18	3	0.00	-0.71	-0.70	-0.40
20	PM24MP	2,4-Dimethylphenol	1.00	5	-0.80	0.06	5	-0.91	-0.77	-0.77	-0.77

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM24MP	2,4-Dimethylphenol	1.10	2	-0.12	0.46	2	0.00	-0.44	0.00	0.21
20	PM24MP	2,4-Dimethylphenol	1.36	8	-0.79	0.39	8	-1.29	-0.79	-0.59	-0.31
20	PM24MP	2,4-Dimethylphenol	1.37	45	-0.32	0.16	50	-0.49	-0.32	-0.21	1.37
20	PM24MP	2,4-Dimethylphenol	1.52	1	-1.40	0.00	1	0.00	0.00	0.00	-1.40
20	PM24MP	2,4-Dimethylphenol	2.28	2	-0.35	0.16	2	0.00	-0.46	0.00	-0.24
20	PM24MP	2,4-Dimethylphenol	2.74	99	-2.41	0.20	123	-2.51	-2.51	-2.00	0.14
20	PM24MP	2,4-Dimethylphenol	3.28	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
20	PM24MP	2,4-Dimethylphenol	3.32	27	-0.28	0.73	29	-1.02	-0.45	-0.02	1.03
20	PM24MP	2,4-Dimethylphenol	3.42	67	-0.79	0.94	75	-1.44	-0.78	-0.10	3.26
20	PM24MP	2,4-Dimethylphenol	4.15	15	-1.00	0.90	15	-1.86	-1.34	-0.32	0.36
20	PM24MP	2,4-Dimethylphenol	5.48	2	-2.45	0.23	2	0.00	-2.62	0.00	-2.29
20	PM24MP	2,4-Dimethylphenol	6.85	8	-2.08	1.04	10	-3.43	-2.22	-1.62	23.29
20	PM24MP	2,4-Dimethylphenol	9.03	1	4.67	0.00	1	0.00	0.00	0.00	4.67
20	PM24MP	2,4-Dimethylphenol	13.70	1	-1.23	0.00	1	0.00	0.00	0.00	-1.23
20	PM24MP	2,4-Dimethylphenol	68.49	4	124.24	60.06	4	70.89	79.36	149.53	197.18
20	PM24MP	2,4-Dimethylphenol	219.18	2	189.73	487.23	2	0.00	-154.80	0.00	534.25
20	PM24NP	2,4-Dinitrophenol	0.01	3	0.08	0.06	3	0.00	0.01	0.11	0.11
20	PM24NP	2,4-Dinitrophenol	0.05	1	0.38	0.00	1	0.00	0.00	0.00	0.38
20	PM24NP	2,4-Dinitrophenol	0.10	2	0.60	0.00	2	0.00	0.60	0.00	0.60
20	PM24NP	2,4-Dinitrophenol	0.12	2	-0.07	0.08	2	0.00	-0.12	0.00	-0.01

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM24NP	2,4-Dinitrophenol	0.17	5	-0.08	0.04	5	-0.15	-0.06	-0.06	-0.06
20	PM24NP	2,4-Dinitrophenol	0.19	1	0.50	0.00	1	0.00	0.00	0.00	0.50
20	PM24NP	2,4-Dinitrophenol	0.24	13	-0.04	0.11	14	-0.17	-0.03	0.02	0.45
20	PM24NP	2,4-Dinitrophenol	0.25	1	-0.17	0.00	1	0.00	0.00	0.00	-0.17
20	PM24NP	2,4-Dinitrophenol	0.48	111	-0.22	0.15	114	-0.36	-0.25	-0.07	0.29
20	PM24NP	2,4-Dinitrophenol	0.55	1	-0.53	0.00	1	0.00	0.00	0.00	-0.53
20	PM24NP	2,4-Dinitrophenol	0.60	52	-0.17	0.07	63	-0.24	-0.18	-0.11	0.20
20	PM24NP	2,4-Dinitrophenol	0.60	1	-0.34	0.00	1	0.00	0.00	0.00	-0.34
20	PM24NP	2,4-Dinitrophenol	0.71	1	0.24	0.00	1	0.00	0.00	0.00	0.24
20	PM24NP	2,4-Dinitrophenol	0.75	4	-0.16	0.11	5	-0.28	-0.18	-0.13	0.11
20	PM24NP	2,4-Dinitrophenol	0.95	8	-0.03	0.21	8	-0.26	0.00	0.14	0.22
20	PM24NP	2,4-Dinitrophenol	1.12	2	-0.43	0.00	2	0.00	-0.43	0.00	-0.43
20	PM24NP	2,4-Dinitrophenol	1.19	7	-0.36	0.39	7	-1.08	-0.34	-0.18	0.05
20	PM24NP	2,4-Dinitrophenol	1.40	1	-0.31	0.00	1	0.00	0.00	0.00	-0.31
20	PM24NP	2,4-Dinitrophenol	1.50	3	-0.14	0.07	4	-0.23	-0.10	-0.10	0.50
20	PM24NP	2,4-Dinitrophenol	1.61	1	0.77	0.00	1	0.00	0.00	0.00	0.77
20	PM24NP	2,4-Dinitrophenol	1.79	10	-0.41	0.35	12	-0.83	-0.38	-0.12	3.21
20	PM24NP	2,4-Dinitrophenol	1.90	1	-1.21	0.00	1	0.00	0.00	0.00	-1.21
20	PM24NP	2,4-Dinitrophenol	2.38	5	1.02	1.02	5	-0.27	0.26	1.17	2.11
20	PM24NP	2,4-Dinitrophenol	2.93	25	-1.50	0.86	28	-2.10	-2.10	-0.29	3.50

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM24NP	2,4-Dinitrophenol	3.57	1	-2.47	0.00	1	0.00	0.00	0.00	-2.47
20	PM24NP	2,4-Dinitrophenol	3.67	11	-2.84	0.04	15	-2.95	-2.83	-2.83	-1.72
20	PM24NP	2,4-Dinitrophenol	4.76	3	-0.64	0.36	4	-0.95	-0.71	-0.24	0.95
20	PM24NP	2,4-Dinitrophenol	5.52	2	-0.13	1.63	2	0.00	-1.29	0.00	1.02
20	PM24NP	2,4-Dinitrophenol	5.53	5	1.24	1.04	5	-0.37	0.88	1.45	2.27
20	PM24NP	2,4-Dinitrophenol	5.95	32	-0.37	0.89	34	-1.45	-0.33	0.00	1.10
20	PM24NP	2,4-Dinitrophenol	6.48	1	1.98	0.00	1	0.00	0.00	0.00	1.98
20	PM24NP	2,4-Dinitrophenol	7.69	1	-1.65	0.00	1	0.00	0.00	0.00	-1.65
20	PM24NP	2,4-Dinitrophenol	157.14	1	-88.14	0.00	1	0.00	0.00	0.00	-88.14
20	PM26DP	2,6-Dichlorophenol	0.13	3	0.26	0.29	3	0.00	-0.08	0.43	0.43
20	PM26DP	2,6-Dichlorophenol	0.60	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
20	PM26DP	2,6-Dichlorophenol	0.80	3	-0.22	0.20	3	0.00	-0.37	-0.29	0.00
20	PM26DP	2,6-Dichlorophenol	1.00	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
20	PM26DP	2,6-Dichlorophenol	1.20	2	0.55	0.78	2	0.00	0.00	0.00	1.10
20	PM26DP	2,6-Dichlorophenol	1.25	1	-0.71	0.00	1	0.00	0.00	0.00	-0.71
20	PM26DP	2,6-Dichlorophenol	1.56	3	0.02	0.14	5	-0.11	0.01	0.17	0.52
20	PM26DP	2,6-Dichlorophenol	2.00	6	-0.53	0.34	7	-1.00	-0.55	-0.45	8.00
20	PM26DP	2,6-Dichlorophenol	2.25	2	-1.20	0.00	2	0.00	-1.20	0.00	-1.20
20	PM26DP	2,6-Dichlorophenol	2.50	1	-0.33	0.00	1	0.00	0.00	0.00	-0.33
20	PM26DP	2,6-Dichlorophenol	2.65	3	-1.07	0.88	3	0.00	-2.00	-0.95	-0.25

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM26DP	2,6-Dichlorophenol	3.10	4	-1.41	0.21	5	-1.65	-1.50	-1.35	-0.15
20	PM26DP	2,6-Dichlorophenol	4.00	2	0.73	1.10	2	0.00	-0.05	0.00	1.50
20	PM26DP	2,6-Dichlorophenol	4.52	6	-0.72	0.28	8	-0.90	-0.73	-0.27	0.44
20	PM26DP	2,6-Dichlorophenol	5.00	24	-0.11	0.92	25	-0.85	-0.20	0.50	1.50
20	PM26DP	2,6-Dichlorophenol	5.25	1	-3.40	0.00	1	0.00	0.00	0.00	-3.40
20	PM26DP	2,6-Dichlorophenol	9.90	4	-5.01	0.12	6	-5.10	-5.00	-4.85	-3.90
20	PM26DP	2,6-Dichlorophenol	10.00	146	-1.66	2.26	152	-3.50	-1.80	-0.30	3.00
20	PM26DP	2,6-Dichlorophenol	10.12	1	-6.12	0.00	1	0.00	0.00	0.00	-6.12
20	PM26DP	2,6-Dichlorophenol	12.50	13	-4.37	4.47	13	-11.50	-3.25	-2.00	0.25
20	PM26DP	2,6-Dichlorophenol	13.00	29	-1.44	2.52	30	-4.05	-1.20	0.00	2.30
20	PM26DP	2,6-Dichlorophenol	13.55	45	-2.88	1.00	49	-4.05	-2.85	-2.30	0.80
20	PM26DP	2,6-Dichlorophenol	16.25	14	-6.33	2.37	15	-8.20	-6.90	-4.85	0.75
20	PM26DP	2,6-Dichlorophenol	19.80	2	-7.48	1.17	2	0.00	-8.30	0.00	-6.65
20	PM26DP	2,6-Dichlorophenol	25.00	8	-4.88	4.67	9	-9.70	-6.15	-1.30	75.00
20	PM26DP	2,6-Dichlorophenol	50.00	5	26.75	27.19	5	-12.50	15.96	30.23	60.13
20	PM26DP	2,6-Dichlorophenol	52.00	1	-27.65	0.00	1	0.00	0.00	0.00	-27.65
20	PM26DP	2,6-Dichlorophenol	800.00	2	-57.50	24.75	2	0.00	-75.00	0.00	-40.00
20	PM46DC	4,6-Dinitro-o-cresol	0.01	3	0.04	0.02	3	0.00	0.01	0.05	0.05
20	PM46DC	4,6-Dinitro-o-cresol	0.08	1	0.42	0.00	1	0.00	0.00	0.00	0.42
20	PM46DC	4,6-Dinitro-o-cresol	0.17	2	0.08	0.00	2	0.00	0.08	0.00	0.08

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM46DC	4,6-Dinitro-o-cresol	0.21	3	-0.12	0.07	4	-0.19	-0.12	-0.05	0.63
20	PM46DC	4,6-Dinitro-o-cresol	0.29	4	-0.23	0.03	5	-0.27	-0.22	-0.22	-0.05
20	PM46DC	4,6-Dinitro-o-cresol	0.33	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
20	PM46DC	4,6-Dinitro-o-cresol	0.42	16	-0.11	0.12	17	-0.23	-0.11	-0.05	0.17
20	PM46DC	4,6-Dinitro-o-cresol	0.83	135	-0.15	0.20	145	-0.38	-0.13	0.00	0.42
20	PM46DC	4,6-Dinitro-o-cresol	0.87	1	-0.85	0.00	1	0.00	0.00	0.00	-0.85
20	PM46DC	4,6-Dinitro-o-cresol	1.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
20	PM46DC	4,6-Dinitro-o-cresol	1.04	54	-0.20	0.13	65	-0.30	-0.21	-0.10	0.34
20	PM46DC	4,6-Dinitro-o-cresol	1.08	1	-0.33	0.00	1	0.00	0.00	0.00	-0.33
20	PM46DC	4,6-Dinitro-o-cresol	1.13	1	0.83	0.00	1	0.00	0.00	0.00	0.83
20	PM46DC	4,6-Dinitro-o-cresol	1.42	5	-0.15	0.21	5	-0.50	-0.17	-0.08	0.00
20	PM46DC	4,6-Dinitro-o-cresol	1.67	3	-1.40	0.04	5	-1.43	-1.43	-1.35	0.13
20	PM46DC	4,6-Dinitro-o-cresol	1.73	6	-0.23	0.68	6	-1.02	-0.36	0.16	0.53
20	PM46DC	4,6-Dinitro-o-cresol	2.08	5	-0.37	0.09	8	-0.42	-0.42	-0.21	0.21
20	PM46DC	4,6-Dinitro-o-cresol	2.84	1	1.33	0.00	1	0.00	0.00	0.00	1.33
20	PM46DC	4,6-Dinitro-o-cresol	3.13	1	0.67	0.00	1	0.00	0.00	0.00	0.67
20	PM46DC	4,6-Dinitro-o-cresol	3.33	1	1.67	0.00	1	0.00	0.00	0.00	1.67
20	PM46DC	4,6-Dinitro-o-cresol	3.47	2	0.15	0.04	2	0.00	0.12	0.00	0.18
20	PM46DC	4,6-Dinitro-o-cresol	4.17	9	-1.51	1.08	9	-2.61	-1.77	-0.96	0.46
20	PM46DC	4,6-Dinitro-o-cresol	5.00	1	0.96	0.00	1	0.00	0.00	0.00	0.96

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM46DC	4,6-Dinitro-o-cresol	5.17	30	-1.59	2.52	30	-4.71	-1.78	0.21	2.88
20	PM46DC	4,6-Dinitro-o-cresol	5.21	7	-0.08	0.92	7	-1.18	-0.63	0.21	1.46
20	PM46DC	4,6-Dinitro-o-cresol	5.42	3	1.11	0.96	3	0.00	0.00	1.67	1.67
20	PM46DC	4,6-Dinitro-o-cresol	6.00	8	1.14	1.06	8	0.23	1.00	2.05	2.29
20	PM46DC	4,6-Dinitro-o-cresol	6.46	11	-5.76	0.56	15	-6.20	-5.77	-4.48	1.25
20	PM46DC	4,6-Dinitro-o-cresol	10.42	1	-5.83	0.00	1	0.00	0.00	0.00	-5.83
20	PM46DC	4,6-Dinitro-o-cresol	475.00	1	-219.42	0.00	1	0.00	0.00	0.00	-219.42
20	PM4NP	4-Nitrophenol	0.19	3	0.57	0.41	3	0.00	0.09	0.81	0.81
20	PM4NP	4-Nitrophenol	0.86	1	-0.24	0.00	1	0.00	0.00	0.00	-0.24
20	PM4NP	4-Nitrophenol	1.14	3	-0.24	0.54	3	0.00	-0.77	-0.24	0.30
20	PM4NP	4-Nitrophenol	1.43	1	-0.43	0.00	1	0.00	0.00	0.00	-0.43
20	PM4NP	4-Nitrophenol	1.71	1	-0.43	0.00	1	0.00	0.00	0.00	-0.43
20	PM4NP	4-Nitrophenol	2.86	6	-1.16	0.30	9	-1.36	-1.26	-0.79	6.43
20	PM4NP	4-Nitrophenol	3.43	1	-0.14	0.00	1	0.00	0.00	0.00	-0.14
20	PM4NP	4-Nitrophenol	3.57	1	-2.14	0.00	1	0.00	0.00	0.00	-2.14
20	PM4NP	4-Nitrophenol	3.71	3	-1.45	1.26	3	0.00	-2.86	-1.07	-0.43
20	PM4NP	4-Nitrophenol	4.43	5	-2.43	0.27	5	-2.86	-2.43	-2.43	-2.14
20	PM4NP	4-Nitrophenol	4.86	4	-4.04	0.36	5	-4.58	-3.86	-3.86	10.85
20	PM4NP	4-Nitrophenol	5.71	2	0.32	2.58	2	0.00	-1.50	0.00	2.14
20	PM4NP	4-Nitrophenol	6.41	1	-2.84	0.00	1	0.00	0.00	0.00	-2.84

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM4NP	4-Nitrophenol	6.41	1	1.55	0.00	1	0.00	0.00	0.00	1.55
20	PM4NP	4-Nitrophenol	6.41	6	-1.36	1.82	6	-3.91	-2.14	-0.39	1.09
20	PM4NP	4-Nitrophenol	7.14	15	0.63	2.31	15	-3.07	1.43	2.14	3.57
20	PM4NP	4-Nitrophenol	7.43	1	-4.93	0.00	1	0.00	0.00	0.00	-4.93
20	PM4NP	4-Nitrophenol	11.89	2	-4.11	3.64	2	0.00	-6.68	0.00	-1.54
20	PM4NP	4-Nitrophenol	14.29	108	-9.09	3.62	115	-12.43	-9.07	-5.93	11.43
20	PM4NP	4-Nitrophenol	14.91	1	-14.62	0.00	1	0.00	0.00	0.00	-14.62
20	PM4NP	4-Nitrophenol	17.86	49	-9.70	2.19	59	-11.57	-9.43	-8.21	2.57
20	PM4NP	4-Nitrophenol	18.39	25	-4.78	5.64	28	-8.82	-4.89	0.18	16.61
20	PM4NP	4-Nitrophenol	21.43	1	-2.07	0.00	1	0.00	0.00	0.00	-2.07
20	PM4NP	4-Nitrophenol	22.99	14	-10.61	3.06	14	-13.49	-11.14	-9.21	-5.85
20	PM4NP	4-Nitrophenol	23.00	1	-13.07	0.00	1	0.00	0.00	0.00	-13.07
20	PM4NP	4-Nitrophenol	28.57	6	-16.99	3.87	6	-21.64	-19.14	-14.29	-12.29
20	PM4NP	4-Nitrophenol	35.71	6	-23.62	7.26	8	-29.86	-20.86	-16.79	678.57
20	PM4NP	4-Nitrophenol	48.43	4	-23.70	2.64	4	-27.29	-24.07	-21.71	-21.71
20	PM4NP	4-Nitrophenol	52.43	1	19.00	0.00	1	0.00	0.00	0.00	19.00
20	PM4NP	4-Nitrophenol	53.57	31	-27.11	3.65	34	-30.36	-27.07	-24.36	-22.71
20	PM4NP	4-Nitrophenol	89.29	7	-73.79	3.27	8	-77.07	-73.93	-70.36	-52.00
20	PM4NP	4-Nitrophenol	92.86	3	-76.98	3.77	3	0.00	-80.93	-76.57	-73.43
20	PM4NP	4-Nitrophenol	142.86	1	-98.57	0.00	1	0.00	0.00	0.00	-98.57

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PM4NP	4-Nitrophenol	178.57	1	-169.79	0.00	1	0.00	0.00	0.00	-169.79
20	PM4NP	4-Nitrophenol	357.14	4	4198.09	440.96	4	3610.71	4109.57	4503.85	4568.21
20	PM4NP	4-Nitrophenol	1,142.86	2	-182.14	348.50	2	0.00	-428.57	0.00	64.29
20	PMMCRE	m-Cresol	0.07	3	0.81	0.00	3	0.00	0.81	0.81	0.81
20	PMMCRE	m-Cresol	0.35	1	-0.08	0.00	1	0.00	0.00	0.00	-0.08
20	PMMCRE	m-Cresol	0.47	3	-0.11	0.16	3	0.00	-0.27	-0.11	0.05
20	PMMCRE	m-Cresol	0.59	1	-0.18	0.00	1	0.00	0.00	0.00	-0.18
20	PMMCRE	m-Cresol	0.65	1	-0.06	0.00	1	0.00	0.00	0.00	-0.06
20	PMMCRE	m-Cresol	0.67	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
20	PMMCRE	m-Cresol	0.84	5	0.47	0.22	5	0.14	0.38	0.48	0.72
20	PMMCRE	m-Cresol	0.94	1	0.29	0.00	1	0.00	0.00	0.00	0.29
20	PMMCRE	m-Cresol	1.18	5	-0.62	0.16	7	-0.79	-0.65	-0.41	0.38
20	PMMCRE	m-Cresol	1.47	1	-0.14	0.00	1	0.00	0.00	0.00	-0.14
20	PMMCRE	m-Cresol	1.84	3	-0.49	0.06	5	-0.54	-0.49	-0.43	0.81
20	PMMCRE	m-Cresol	2.35	2	-0.25	1.10	2	0.00	-1.03	0.00	0.53
20	PMMCRE	m-Cresol	2.59	2	-1.27	1.04	2	0.00	-2.00	0.00	-0.53
20	PMMCRE	m-Cresol	2.94	48	-0.86	0.38	58	-1.15	-0.88	-0.56	1.18
20	PMMCRE	m-Cresol	3.12	3	-1.58	0.98	3	0.00	-2.41	-1.82	-0.50
20	PMMCRE	m-Cresol	4.90	2	-0.52	0.50	2	0.00	-0.87	0.00	-0.16
20	PMMCRE	m-Cresol	5.21	8	-1.88	1.06	8	-3.38	-1.57	-1.44	-0.68

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMMCRE	m-Cresol	5.88	115	-1.66	1.93	119	-2.94	-1.47	-0.29	6.47
20	PMMCRE	m-Cresol	6.24	1	-4.32	0.00	1	0.00	0.00	0.00	-4.32
20	PMMCRE	m-Cresol	7.28	24	0.34	1.25	29	-0.78	0.37	1.54	5.75
20	PMMCRE	m-Cresol	7.29	1	-0.15	0.00	1	0.00	0.00	0.00	-0.15
20	PMMCRE	m-Cresol	7.35	13	-3.36	2.40	13	-6.62	-3.29	-1.47	-0.65
20	PMMCRE	m-Cresol	7.59	42	-2.17	0.60	49	-2.65	-2.12	-1.68	0.38
20	PMMCRE	m-Cresol	9.09	11	0.13	1.75	15	-0.85	0.91	2.32	8.85
20	PMMCRE	m-Cresol	11.76	2	-4.15	1.33	2	0.00	-5.09	0.00	-3.21
20	PMMCRE	m-Cresol	13.24	1	-8.35	0.00	1	0.00	0.00	0.00	-8.35
20	PMMCRE	m-Cresol	13.26	2	-9.21	0.29	2	0.00	-9.41	0.00	-9.00
20	PMMCRE	m-Cresol	13.29	3	-8.09	0.71	3	0.00	-8.50	-8.50	-7.27
20	PMMCRE	m-Cresol	14.71	3	1.34	7.43	4	-3.24	-2.65	9.91	120.59
20	PMMCRE	m-Cresol	21.44	1	7.97	0.00	1	0.00	0.00	0.00	7.97
20	PMMCRE	m-Cresol	26.56	2	-14.93	1.31	2	0.00	-15.85	0.00	-14.00
20	PMMCRE	m-Cresol	29.12	1	-12.03	0.00	1	0.00	0.00	0.00	-12.03
20	PMMCRE	m-Cresol	29.41	4	46.52	41.99	4	-3.24	26.94	77.52	84.86
20	PMMCRE	m-Cresol	31.47	3	-11.88	0.41	4	-12.15	-12.09	-11.41	-10.47
20	PMMCRE	m-Cresol	34.41	1	-8.32	0.00	1	0.00	0.00	0.00	-8.32
20	PMMCRE	m-Cresol	58.82	1	-46.47	0.00	1	0.00	0.00	0.00	-46.47
20	PMMCRE	m-Cresol	470.59	2	-58.82	116.46	2	0.00	-141.18	0.00	23.53

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMOCRE	o-Cresol	0.08	3	0.29	0.16	3	0.00	0.11	0.38	0.38
20	PMOCRE	o-Cresol	0.32	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
20	PMOCRE	o-Cresol	0.43	3	-0.04	0.14	3	0.00	-0.16	-0.07	0.11
20	PMOCRE	o-Cresol	0.54	1	-0.21	0.00	1	0.00	0.00	0.00	-0.21
20	PMOCRE	o-Cresol	0.76	1	0.32	0.00	1	0.00	0.00	0.00	0.32
20	PMOCRE	o-Cresol	0.81	1	0.00	0.00	1	0.00	0.00	0.00	0.00
20	PMOCRE	o-Cresol	0.85	1	-0.17	0.00	1	0.00	0.00	0.00	-0.17
20	PMOCRE	o-Cresol	1.06	4	1.24	0.26	5	0.95	1.08	1.40	2.18
20	PMOCRE	o-Cresol	1.08	7	-0.34	0.24	7	-0.68	-0.51	-0.24	-0.01
20	PMOCRE	o-Cresol	1.35	1	-0.11	0.00	1	0.00	0.00	0.00	-0.11
20	PMOCRE	o-Cresol	1.41	3	-0.81	0.43	3	0.00	-1.11	-1.00	-0.32
20	PMOCRE	o-Cresol	1.86	5	-0.92	0.27	5	-1.27	-1.16	-0.75	-0.72
20	PMOCRE	o-Cresol	2.16	2	0.00	0.77	2	0.00	-0.54	0.00	0.54
20	PMOCRE	o-Cresol	2.19	2	-1.57	0.08	2	0.00	-1.62	0.00	-1.51
20	PMOCRE	o-Cresol	2.70	44	-0.68	0.27	59	-0.95	-0.68	-0.49	2.16
20	PMOCRE	o-Cresol	2.81	1	-2.05	0.00	1	0.00	0.00	0.00	-2.05
20	PMOCRE	o-Cresol	4.50	2	-2.38	0.25	2	0.00	-2.55	0.00	-2.20
20	PMOCRE	o-Cresol	5.08	1	-1.84	0.00	1	0.00	0.00	0.00	-1.84
20	PMOCRE	o-Cresol	5.11	8	-1.39	0.86	8	-2.14	-1.84	-0.79	-0.39
20	PMOCRE	o-Cresol	5.41	118	-3.03	1.33	120	-4.05	-3.00	-2.16	0.00

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMOCRE	o-Cresol	6.27	2	-3.65	0.50	2	0.00	-4.00	0.00	-3.30
20	PMOCRE	o-Cresol	6.30	2	-4.19	0.00	2	0.00	-4.19	0.00	-4.19
20	PMOCRE	o-Cresol	6.35	28	-0.92	1.37	30	-2.19	-1.35	-0.14	1.49
20	PMOCRE	o-Cresol	6.41	2	-4.66	0.14	2	0.00	-4.75	0.00	-4.56
20	PMOCRE	o-Cresol	6.76	13	-3.00	2.16	13	-5.92	-2.70	-1.89	-0.54
20	PMOCRE	o-Cresol	7.08	46	-1.49	0.65	49	-2.14	-1.49	-1.05	0.57
20	PMOCRE	o-Cresol	7.95	15	-2.23	1.82	15	-3.76	-2.57	-0.95	0.70
20	PMOCRE	o-Cresol	12.54	2	-6.03	1.30	2	0.00	-6.95	0.00	-5.11
20	PMOCRE	o-Cresol	13.51	7	-3.20	1.09	9	-4.12	-3.20	-2.35	37.84
20	PMOCRE	o-Cresol	20.84	1	6.19	0.00	1	0.00	0.00	0.00	6.19
20	PMOCRE	o-Cresol	25.41	1	-12.27	0.00	1	0.00	0.00	0.00	-12.27
20	PMOCRE	o-Cresol	27.03	4	26.47	36.36	5	-12.97	14.96	29.80	82.39
20	PMOCRE	o-Cresol	432.43	2	124.33	99.38	2	0.00	54.05	0.00	194.60
20	PMPCRE	p-Cresol	0.07	3	0.64	0.50	3	0.00	0.07	0.93	0.93
20	PMPCRE	p-Cresol	0.17	1	0.00	0.00	1	0.00	0.00	0.00	0.00
20	PMPCRE	p-Cresol	0.34	1	-0.03	0.00	1	0.00	0.00	0.00	-0.03
20	PMPCRE	p-Cresol	0.46	3	0.15	0.36	3	0.00	-0.15	0.06	0.54
20	PMPCRE	p-Cresol	0.57	1	-0.17	0.00	1	0.00	0.00	0.00	-0.17
20	PMPCRE	p-Cresol	0.69	1	0.46	0.00	1	0.00	0.00	0.00	0.46
20	PMPCRE	p-Cresol	0.80	1	0.11	0.00	1	0.00	0.00	0.00	0.11

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMPCRE	p-Cresol	0.83	1	-0.45	0.00	1	0.00	0.00	0.00	-0.45
20	PMPCRE	p-Cresol	1.04	5	0.51	0.18	5	0.23	0.52	0.53	0.73
20	PMPCRE	p-Cresol	1.14	7	-0.41	0.22	7	-0.77	-0.54	-0.29	-0.17
20	PMPCRE	p-Cresol	1.43	1	-0.10	0.00	1	0.00	0.00	0.00	-0.10
20	PMPCRE	p-Cresol	1.79	3	-0.48	0.06	5	-0.53	-0.50	-0.41	0.79
20	PMPCRE	p-Cresol	2.26	2	-1.63	0.04	2	0.00	-1.66	0.00	-1.60
20	PMPCRE	p-Cresol	2.29	2	-0.23	1.13	2	0.00	-1.03	0.00	0.57
20	PMPCRE	p-Cresol	2.86	48	-0.81	0.37	58	-1.09	-0.83	-0.51	1.14
20	PMPCRE	p-Cresol	3.03	3	-1.53	0.95	3	0.00	-2.34	-1.77	-0.49
20	PMPCRE	p-Cresol	4.76	2	-0.50	0.49	2	0.00	-0.84	0.00	-0.16
20	PMPCRE	p-Cresol	5.06	2	-2.07	2.00	2	0.00	-3.49	0.00	-0.66
20	PMPCRE	p-Cresol	5.40	2	-1.40	0.77	2	0.00	-1.94	0.00	-0.86
20	PMPCRE	p-Cresol	5.71	115	-1.57	1.81	119	-2.86	-1.43	-0.29	6.29
20	PMPCRE	p-Cresol	6.00	1	-5.43	0.00	1	0.00	0.00	0.00	-5.43
20	PMPCRE	p-Cresol	6.06	1	-4.20	0.00	1	0.00	0.00	0.00	-4.20
20	PMPCRE	p-Cresol	7.07	1	0.93	0.00	1	0.00	0.00	0.00	0.93
20	PMPCRE	p-Cresol	7.14	13	-3.31	2.47	13	-6.63	-3.20	-1.91	-0.20
20	PMPCRE	p-Cresol	7.37	42	-2.11	0.58	49	-2.57	-2.06	-1.63	0.37
20	PMPCRE	p-Cresol	7.93	27	-1.64	1.63	28	-3.36	-1.70	-0.67	1.33
20	PMPCRE	p-Cresol	7.94	1	-0.43	0.00	1	0.00	0.00	0.00	-0.43

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMPCRE	p-Cresol	8.91	1	-1.06	0.00	1	0.00	0.00	0.00	-1.06
20	PMPCRE	p-Cresol	9.91	14	-4.27	1.57	14	-5.94	-4.57	-3.14	-1.34
20	PMPCRE	p-Cresol	11.43	2	3235.59	4,580.21	2	0.00	-3.11	0.00	6474.29
20	PMPCRE	p-Cresol	12.86	1	-8.11	0.00	1	0.00	0.00	0.00	-8.11
20	PMPCRE	p-Cresol	12.89	2	-8.94	0.28	2	0.00	-9.14	0.00	-8.74
20	PMPCRE	p-Cresol	12.91	3	-7.86	0.69	3	0.00	-8.26	-8.26	-7.06
20	PMPCRE	p-Cresol	14.29	2	57.29	84.65	2	0.00	-2.57	0.00	117.14
20	PMPCRE	p-Cresol	15.71	1	-4.57	0.00	1	0.00	0.00	0.00	-4.57
20	PMPCRE	p-Cresol	16.29	1	7.63	0.00	1	0.00	0.00	0.00	7.63
20	PMPCRE	p-Cresol	19.17	1	9.40	0.00	1	0.00	0.00	0.00	9.40
20	PMPCRE	p-Cresol	25.80	2	-14.50	1.27	2	0.00	-15.40	0.00	-13.60
20	PMPCRE	p-Cresol	28.57	4	61.34	38.38	4	22.48	34.37	91.63	96.87
20	PMPCRE	p-Cresol	30.29	1	-16.57	0.00	1	0.00	0.00	0.00	-16.57
20	PMPCRE	p-Cresol	30.57	3	-11.54	0.40	4	-11.80	-11.74	-11.09	-10.17
20	PMPCRE	p-Cresol	31.71	1	-21.17	0.00	1	0.00	0.00	0.00	-21.17
20	PMPCRE	p-Cresol	457.14	2	72.86	50.51	2	0.00	37.14	0.00	108.57
20	PMPHEN	Phenol	0.11	3	0.21	0.24	3	0.00	-0.07	0.35	0.35
20	PMPHEN	Phenol	0.50	1	0.01	0.00	1	0.00	0.00	0.00	0.01
20	PMPHEN	Phenol	0.67	3	-0.04	0.23	3	0.00	-0.29	0.00	0.17
20	PMPHEN	Phenol	0.83	1	-0.45	0.00	1	0.00	0.00	0.00	-0.45

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMPHEN	Phenol	1.00	2	0.54	0.71	2	0.00	0.04	0.00	1.04
20	PMPHEN	Phenol	1.04	1	-0.74	0.00	1	0.00	0.00	0.00	-0.74
20	PMPHEN	Phenol	1.30	5	0.09	0.37	5	-0.45	-0.03	0.15	0.57
20	PMPHEN	Phenol	1.67	6	-0.78	0.18	9	-0.96	-0.83	-0.63	-0.09
20	PMPHEN	Phenol	2.29	3	-0.94	0.72	3	0.00	-1.71	-0.83	-0.29
20	PMPHEN	Phenol	2.75	1	-0.13	0.00	1	0.00	0.00	0.00	-0.13
20	PMPHEN	Phenol	2.76	3	0.20	1.16	3	0.00	-1.10	0.53	1.15
20	PMPHEN	Phenol	2.85	1	-1.30	0.00	1	0.00	0.00	0.00	-1.30
20	PMPHEN	Phenol	3.33	2	-0.25	1.53	2	0.00	-1.33	0.00	0.83
20	PMPHEN	Phenol	4.17	37	-3.08	0.35	49	-3.13	-3.00	-2.17	2.08
20	PMPHEN	Phenol	4.58	1	-3.04	0.00	1	0.00	0.00	0.00	-3.04
20	PMPHEN	Phenol	4.71	3	-3.09	0.37	3	0.00	-3.48	-3.05	-2.75
20	PMPHEN	Phenol	4.72	5	-1.29	1.23	5	-3.48	-0.93	-0.92	-0.49
20	PMPHEN	Phenol	6.94	2	-1.19	0.12	2	0.00	-1.27	0.00	-1.10
20	PMPHEN	Phenol	8.33	116	-5.75	0.99	123	-6.46	-5.71	-5.00	-0.42
20	PMPHEN	Phenol	8.93	1	-8.89	0.00	1	0.00	0.00	0.00	-8.89
20	PMPHEN	Phenol	10.31	27	-3.91	1.11	29	-4.94	-3.85	-3.31	-1.69
20	PMPHEN	Phenol	10.33	1	-3.67	0.00	1	0.00	0.00	0.00	-3.67
20	PMPHEN	Phenol	10.42	61	-5.64	1.24	72	-7.08	-5.71	-4.88	-0.29
20	PMPHEN	Phenol	12.88	15	-6.43	1.91	15	-8.21	-6.88	-5.00	-3.29

Results expressed as the ratio: (result-expected)/RMDI.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	PMPHEN	Phenol	16.67	2	-12.31	1.74	2	0.00	-13.54	0.00	-11.08
20	PMPHEN	Phenol	20.83	10	-12.74	4.71	10	-18.67	-13.60	-12.06	-5.00
20	PMPHEN	Phenol	33.83	1	7.83	0.00	1	0.00	0.00	0.00	7.83
20	PMPHEN	Phenol	41.25	1	-31.88	0.00	1	0.00	0.00	0.00	-31.88
20	PMPHEN	Phenol	41.67	4	84.70	103.68	4	-12.50	2.91	167.48	180.91
20	PMPHEN	Phenol	83.33	1	-56.67	0.00	1	0.00	0.00	0.00	-56.67
20	PMPHEN	Phenol	666.67	2	171.88	134.06	2	0.00	77.08	0.00	266.67
20	X3001X	2-Chlorophenol	0.10	3	0.27	0.31	3	0.00	0.09	0.09	0.63
20	X3001X	2-Chlorophenol	0.32	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
20	X3001X	2-Chlorophenol	0.43	3	-0.07	0.10	3	0.00	-0.17	-0.05	0.02
20	X3001X	2-Chlorophenol	0.54	1	-0.15	0.00	1	0.00	0.00	0.00	-0.15
20	X3001X	2-Chlorophenol	0.65	2	0.50	0.75	2	0.00	-0.03	0.00	1.03
20	X3001X	2-Chlorophenol	0.84	4	0.52	0.09	5	0.42	0.52	0.53	0.71
20	X3001X	2-Chlorophenol	1.08	7	-0.44	0.15	9	-0.51	-0.49	-0.30	0.00
20	X3001X	2-Chlorophenol	1.41	3	-0.68	0.39	3	0.00	-1.08	-0.65	-0.30
20	X3001X	2-Chlorophenol	2.16	2	0.07	1.05	2	0.00	-0.68	0.00	0.81
20	X3001X	2-Chlorophenol	2.45	4	-1.45	0.22	5	-1.69	-1.56	-1.34	-0.91
20	X3001X	2-Chlorophenol	2.70	38	-0.42	0.18	49	-0.65	-0.46	-0.27	0.54
20	X3001X	2-Chlorophenol	2.81	1	-1.95	0.00	1	0.00	0.00	0.00	-1.95
20	X3001X	2-Chlorophenol	4.32	7	-0.77	0.37	8	-1.14	-0.70	-0.38	0.68

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3001X	2-Chlorophenol	4.50	2	-1.77	0.57	2	0.00	-2.18	0.00	-1.37
20	X3001X	2-Chlorophenol	5.41	123	-2.04	1.27	124	-2.84	-2.16	-1.08	0.81
20	X3001X	2-Chlorophenol	6.72	1	-6.53	0.00	1	0.00	0.00	0.00	-6.53
20	X3001X	2-Chlorophenol	6.76	85	-1.00	1.00	105	-1.81	-0.95	-0.30	120.54
20	X3001X	2-Chlorophenol	8.43	14	1.64	2.70	15	-1.05	0.43	3.73	8.05
20	X3001X	2-Chlorophenol	10.81	2	-5.54	1.38	2	0.00	-6.51	0.00	-4.57
20	X3001X	2-Chlorophenol	13.51	6	-3.11	1.31	10	-4.41	-3.31	-1.28	62.16
20	X3001X	2-Chlorophenol	15.92	1	11.11	0.00	1	0.00	0.00	0.00	11.11
20	X3001X	2-Chlorophenol	27.03	1	-13.51	0.00	1	0.00	0.00	0.00	-13.51
20	X3001X	2-Chlorophenol	54.05	1	-22.16	0.00	1	0.00	0.00	0.00	-22.16
20	X3001X	2-Chlorophenol	67.57	1	-67.05	0.00	1	0.00	0.00	0.00	-67.05
20	X3001X	2-Chlorophenol	135.14	4	192.52	127.05	4	45.28	131.07	272.49	321.24
20	X3001X	2-Chlorophenol	432.43	2	10.81	30.58	2	0.00	-10.81	0.00	32.43
20	X3234	2,3,4-Trichlorophenol	0.42	3	0.42	0.00	3	0.00	0.42	0.42	0.42
20	X3234	2,3,4-Trichlorophenol	0.67	2	0.00	0.00	2	0.00	0.00	0.00	0.00
20	X3234	2,3,4-Trichlorophenol	2.00	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
20	X3234	2,3,4-Trichlorophenol	2.67	3	-0.88	0.78	3	0.00	-1.33	-1.32	0.02
20	X3234	2,3,4-Trichlorophenol	3.33	6	-0.86	0.55	6	-1.67	-1.17	-0.50	-0.33
20	X3234	2,3,4-Trichlorophenol	4.00	1	2.00	0.00	1	0.00	0.00	0.00	2.00
20	X3234	2,3,4-Trichlorophenol	4.17	1	1.67	0.00	1	0.00	0.00	0.00	1.67

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3234	2,3,4-Trichlorophenol	4.33	1	-1.67	0.00	1	0.00	0.00	0.00	-1.67
20	X3234	2,3,4-Trichlorophenol	5.42	5	-0.20	1.21	5	-1.98	-0.95	0.53	0.72
20	X3234	2,3,4-Trichlorophenol	6.17	2	-3.58	0.83	2	0.00	-4.17	0.00	-3.00
20	X3234	2,3,4-Trichlorophenol	6.67	2	-3.78	0.17	2	0.00	-3.90	0.00	-3.67
20	X3234	2,3,4-Trichlorophenol	8.33	1	-0.92	0.00	1	0.00	0.00	0.00	-0.92
20	X3234	2,3,4-Trichlorophenol	8.83	3	-2.83	3.44	3	0.00	-6.50	-2.33	0.33
20	X3234	2,3,4-Trichlorophenol	10.22	3	-4.77	0.19	5	-4.88	-4.88	-4.55	-1.88
20	X3234	2,3,4-Trichlorophenol	13.33	2	-2.00	5.42	2	0.00	-5.83	0.00	1.83
20	X3234	2,3,4-Trichlorophenol	13.87	7	-1.94	1.11	8	-2.90	-2.28	-0.57	6.13
20	X3234	2,3,4-Trichlorophenol	16.67	45	-0.52	1.15	59	-1.83	-0.67	0.00	3.33
20	X3234	2,3,4-Trichlorophenol	17.67	1	-10.67	0.00	1	0.00	0.00	0.00	-10.67
20	X3234	2,3,4-Trichlorophenol	27.75	2	-2.92	6.84	2	0.00	-7.75	0.00	1.92
20	X3234	2,3,4-Trichlorophenol	32.30	1	-22.30	0.00	1	0.00	0.00	0.00	-22.30
20	X3234	2,3,4-Trichlorophenol	33.33	114	-5.05	6.10	120	-10.00	-5.33	0.00	10.00
20	X3234	2,3,4-Trichlorophenol	34.67	6	-8.08	4.57	6	-13.00	-10.33	-4.67	-2.83
20	X3234	2,3,4-Trichlorophenol	41.25	20	3.81	4.27	29	-1.25	0.92	6.42	14.42
20	X3234	2,3,4-Trichlorophenol	41.33	1	-5.17	0.00	1	0.00	0.00	0.00	-5.17
20	X3234	2,3,4-Trichlorophenol	41.67	10	-10.27	7.97	13	-15.00	-11.67	-5.33	8.83
20	X3234	2,3,4-Trichlorophenol	42.67	41	-8.68	3.58	49	-11.17	-8.17	-6.00	25.67
20	X3234	2,3,4-Trichlorophenol	51.50	14	-13.36	8.25	15	-21.00	-13.17	-6.50	11.83

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3234	2,3,4-Trichlorophenol	69.33	2	-19.50	4.48	2	0.00	-22.67	0.00	-16.33
20	X3234	2,3,4-Trichlorophenol	83.33	7	-30.62	23.69	7	-82.50	-27.67	-18.67	-14.00
20	X3234	2,3,4-Trichlorophenol	85.00	1	13.33	0.00	1	0.00	0.00	0.00	13.33
20	X3234	2,3,4-Trichlorophenol	102.00	1	64.67	0.00	1	0.00	0.00	0.00	64.67
20	X3234	2,3,4-Trichlorophenol	165.00	1	-86.17	0.00	1	0.00	0.00	0.00	-86.17
20	X3234	2,3,4-Trichlorophenol	166.67	4	189.64	67.25	4	98.58	190.72	209.88	259.38
20	X3234	2,3,4-Trichlorophenol	2,666.67	2	-341.67	223.92	2	0.00	-500.00	0.00	-183.33
20	X32345	2,3,4,5-Tetrachlorophenol	0.63	3	0.38	0.00	3	0.00	0.38	0.38	0.38
20	X32345	2,3,4,5-Tetrachlorophenol	3.00	1	0.03	0.00	1	0.00	0.00	0.00	0.03
20	X32345	2,3,4,5-Tetrachlorophenol	4.00	3	-1.53	1.16	3	0.00	-2.30	-2.10	-0.20
20	X32345	2,3,4,5-Tetrachlorophenol	5.00	1	-2.58	0.00	1	0.00	0.00	0.00	-2.58
20	X32345	2,3,4,5-Tetrachlorophenol	5.75	2	1.63	2.30	2	0.00	0.00	0.00	3.25
20	X32345	2,3,4,5-Tetrachlorophenol	6.50	1	1.00	0.00	1	0.00	0.00	0.00	1.00
20	X32345	2,3,4,5-Tetrachlorophenol	6.75	1	0.25	0.00	1	0.00	0.00	0.00	0.25
20	X32345	2,3,4,5-Tetrachlorophenol	7.05	1	-2.48	0.00	1	0.00	0.00	0.00	-2.48
20	X32345	2,3,4,5-Tetrachlorophenol	8.83	5	-1.05	1.30	5	-3.28	-1.08	-0.53	-0.15
20	X32345	2,3,4,5-Tetrachlorophenol	10.00	7	-1.93	1.68	7	-4.50	-2.00	-2.00	0.50
20	X32345	2,3,4,5-Tetrachlorophenol	12.50	1	-1.28	0.00	1	0.00	0.00	0.00	-1.28
20	X32345	2,3,4,5-Tetrachlorophenol	13.10	8	2.35	9.14	8	-7.45	-0.83	4.75	16.65
20	X32345	2,3,4,5-Tetrachlorophenol	15.33	5	-7.28	3.17	5	-11.08	-9.83	-7.08	-3.83

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X32345	2,3,4,5-Tetrachlorophenol	16.00	3	-5.08	7.57	3	0.00	-12.00	-6.25	3.00
20	X32345	2,3,4,5-Tetrachlorophenol	20.00	2	1.63	8.66	2	0.00	-4.50	0.00	7.75
20	X32345	2,3,4,5-Tetrachlorophenol	24.75	8	1.28	3.55	8	-3.50	0.75	3.75	5.50
20	X32345	2,3,4,5-Tetrachlorophenol	25.00	50	-0.84	4.10	52	-4.25	-1.50	3.00	15.00
20	X32345	2,3,4,5-Tetrachlorophenol	31.75	1	-16.50	0.00	1	0.00	0.00	0.00	-16.50
20	X32345	2,3,4,5-Tetrachlorophenol	41.63	2	6.63	12.37	2	0.00	-2.13	0.00	15.38
20	X32345	2,3,4,5-Tetrachlorophenol	50.00	109	-7.80	10.05	118	-17.50	-7.50	0.00	37.50
20	X32345	2,3,4,5-Tetrachlorophenol	50.65	1	-20.65	0.00	1	0.00	0.00	0.00	-20.65
20	X32345	2,3,4,5-Tetrachlorophenol	61.25	2	10.00	5.30	2	0.00	6.25	0.00	13.75
20	X32345	2,3,4,5-Tetrachlorophenol	62.50	14	-19.25	22.10	14	-48.25	-19.00	-7.25	14.75
20	X32345	2,3,4,5-Tetrachlorophenol	64.75	43	-11.95	5.10	48	-16.75	-12.25	-7.75	17.50
20	X32345	2,3,4,5-Tetrachlorophenol	73.75	24	-10.00	21.33	28	-27.75	-13.25	6.50	151.25
20	X32345	2,3,4,5-Tetrachlorophenol	92.25	14	-25.45	12.89	15	-41.75	-27.00	-14.75	17.75
20	X32345	2,3,4,5-Tetrachlorophenol	107.50	2	-21.50	0.00	2	0.00	-21.50	0.00	-21.50
20	X32345	2,3,4,5-Tetrachlorophenol	109.00	4	-16.38	11.87	4	-26.75	-26.50	-7.25	-5.00
20	X32345	2,3,4,5-Tetrachlorophenol	125.00	8	-28.28	15.19	9	-44.25	-30.00	-20.50	10.00
20	X32345	2,3,4,5-Tetrachlorophenol	150.00	2	-2.50	0.00	2	0.00	-2.50	0.00	-2.50
20	X32345	2,3,4,5-Tetrachlorophenol	157.75	1	92.25	0.00	1	0.00	0.00	0.00	92.25
20	X32345	2,3,4,5-Tetrachlorophenol	218.00	2	-56.13	0.53	2	0.00	-56.50	0.00	-55.75
20	X32345	2,3,4,5-Tetrachlorophenol	250.00	4	11.75	32.83	4	-33.20	13.28	21.90	45.03

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X32345	2,3,4,5-Tetrachlorophenol	295.00	2	-102.13	73.72	2	0.00	-154.25	0.00	-50.00
20	X32345	2,3,4,5-Tetrachlorophenol	4,000.00	2	-412.50	17.68	2	0.00	-425.00	0.00	-400.00
20	X32346	2,3,4,6-Tetrachlorophenol	0.09	3	0.16	0.00	3	0.00	0.16	0.16	0.16
20	X32346	2,3,4,6-Tetrachlorophenol	0.43	1	-0.13	0.00	1	0.00	0.00	0.00	-0.13
20	X32346	2,3,4,6-Tetrachlorophenol	0.54	2	0.00	0.00	2	0.00	0.00	0.00	0.00
20	X32346	2,3,4,6-Tetrachlorophenol	0.71	1	-0.39	0.00	1	0.00	0.00	0.00	-0.39
20	X32346	2,3,4,6-Tetrachlorophenol	0.79	2	0.02	0.68	2	0.00	-0.46	0.00	0.50
20	X32346	2,3,4,6-Tetrachlorophenol	0.86	1	0.21	0.00	1	0.00	0.00	0.00	0.21
20	X32346	2,3,4,6-Tetrachlorophenol	0.91	1	-0.41	0.00	1	0.00	0.00	0.00	-0.41
20	X32346	2,3,4,6-Tetrachlorophenol	1.14	5	-0.02	0.20	5	-0.37	0.03	0.06	0.10
20	X32346	2,3,4,6-Tetrachlorophenol	1.14	1	2.93	0.00	1	0.00	0.00	0.00	2.93
20	X32346	2,3,4,6-Tetrachlorophenol	1.43	6	-0.41	0.13	7	-0.61	-0.39	-0.39	0.96
20	X32346	2,3,4,6-Tetrachlorophenol	1.50	3	-0.61	0.76	3	0.00	-1.29	-0.75	0.21
20	X32346	2,3,4,6-Tetrachlorophenol	1.79	1	-0.11	0.00	1	0.00	0.00	0.00	-0.11
20	X32346	2,3,4,6-Tetrachlorophenol	2.25	5	-0.88	0.25	5	-1.18	-1.11	-0.75	-0.65
20	X32346	2,3,4,6-Tetrachlorophenol	2.86	2	0.39	1.06	2	0.00	-0.36	0.00	1.14
20	X32346	2,3,4,6-Tetrachlorophenol	3.00	1	-1.68	0.00	1	0.00	0.00	0.00	-1.68
20	X32346	2,3,4,6-Tetrachlorophenol	3.20	5	-0.18	0.17	8	-0.36	-0.15	0.06	0.94
20	X32346	2,3,4,6-Tetrachlorophenol	3.57	48	0.04	0.34	59	-0.32	0.00	0.36	2.50
20	X32346	2,3,4,6-Tetrachlorophenol	5.95	2	1.36	0.13	2	0.00	1.27	0.00	1.45

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X32346	2,3,4,6-Tetrachlorophenol	7.14	98	-0.76	1.13	113	-1.79	-0.71	0.00	5.07
20	X32346	2,3,4,6-Tetrachlorophenol	7.35	1	1.23	0.00	1	0.00	0.00	0.00	1.23
20	X32346	2,3,4,6-Tetrachlorophenol	8.75	25	1.49	5.12	29	-1.89	1.32	6.93	42.68
20	X32346	2,3,4,6-Tetrachlorophenol	8.93	54	-0.99	1.20	62	-2.04	-1.07	-0.25	2.43
20	X32346	2,3,4,6-Tetrachlorophenol	10.93	14	1.87	2.63	15	-0.75	2.29	3.64	10.14
20	X32346	2,3,4,6-Tetrachlorophenol	15.32	1	1.50	0.00	1	0.00	0.00	0.00	1.50
20	X32346	2,3,4,6-Tetrachlorophenol	15.36	2	-3.07	0.00	2	0.00	-3.07	0.00	-3.07
20	X32346	2,3,4,6-Tetrachlorophenol	15.57	4	-2.34	1.70	4	-3.82	-3.79	-1.04	-0.71
20	X32346	2,3,4,6-Tetrachlorophenol	17.86	3	10.85	18.49	3	0.00	-1.04	1.43	32.14
20	X32346	2,3,4,6-Tetrachlorophenol	18.93	1	-0.71	0.00	1	0.00	0.00	0.00	-0.71
20	X32346	2,3,4,6-Tetrachlorophenol	24.39	1	11.32	0.00	1	0.00	0.00	0.00	11.32
20	X32346	2,3,4,6-Tetrachlorophenol	31.14	2	-8.02	0.08	2	0.00	-8.07	0.00	-7.96
20	X32346	2,3,4,6-Tetrachlorophenol	35.71	8	-19.89	10.03	9	-29.25	-27.71	-12.00	-0.79
20	X32346	2,3,4,6-Tetrachlorophenol	61.43	1	-59.68	0.00	1	0.00	0.00	0.00	-59.68
20	X3235	2,3,5-Trichlorophenol	0.20	3	0.11	0.00	3	0.00	0.11	0.11	0.11
20	X3235	2,3,5-Trichlorophenol	0.92	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
20	X3235	2,3,5-Trichlorophenol	1.23	3	-0.42	0.33	3	0.00	-0.61	-0.61	-0.04
20	X3235	2,3,5-Trichlorophenol	1.85	1	-0.15	0.00	1	0.00	0.00	0.00	-0.15
20	X3235	2,3,5-Trichlorophenol	2.31	1	0.62	0.00	1	0.00	0.00	0.00	0.62
20	X3235	2,3,5-Trichlorophenol	2.36	1	-0.79	0.00	1	0.00	0.00	0.00	-0.79

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3235	2,3,5-Trichlorophenol	2.96	5	-0.61	0.61	5	-1.40	-0.94	-0.70	0.03
20	X3235	2,3,5-Trichlorophenol	3.08	7	-0.65	0.60	7	-1.46	-0.92	-0.53	0.39
20	X3235	2,3,5-Trichlorophenol	3.85	3	-1.21	0.90	3	0.00	-2.00	-1.39	-0.24
20	X3235	2,3,5-Trichlorophenol	4.00	3	-1.26	1.70	3	0.00	-3.00	-1.15	0.39
20	X3235	2,3,5-Trichlorophenol	4.95	5	-2.14	0.90	5	-3.42	-2.26	-2.11	-0.88
20	X3235	2,3,5-Trichlorophenol	5.31	8	-0.41	0.87	8	-1.30	-0.49	-0.13	0.82
20	X3235	2,3,5-Trichlorophenol	6.15	2	0.31	0.76	2	0.00	-0.23	0.00	0.85
20	X3235	2,3,5-Trichlorophenol	7.69	46	-0.33	0.60	59	-0.77	-0.31	0.15	4.69
20	X3235	2,3,5-Trichlorophenol	8.00	1	-4.92	0.00	1	0.00	0.00	0.00	-4.92
20	X3235	2,3,5-Trichlorophenol	14.82	1	-0.98	0.00	1	0.00	0.00	0.00	-0.98
20	X3235	2,3,5-Trichlorophenol	15.38	104	-1.69	2.82	113	-3.85	-1.54	0.00	6.92
20	X3235	2,3,5-Trichlorophenol	16.08	6	-4.59	1.84	6	-6.69	-4.77	-4.08	-2.31
20	X3235	2,3,5-Trichlorophenol	19.04	24	1.59	4.61	29	-1.89	0.12	5.12	14.04
20	X3235	2,3,5-Trichlorophenol	19.08	1	-1.23	0.00	1	0.00	0.00	0.00	-1.23
20	X3235	2,3,5-Trichlorophenol	19.23	9	-4.50	2.39	13	-7.31	-5.69	-3.08	6.77
20	X3235	2,3,5-Trichlorophenol	19.92	44	-3.86	1.66	48	-5.15	-3.62	-2.62	2.62
20	X3235	2,3,5-Trichlorophenol	23.77	14	1.42	5.21	15	-2.08	0.85	6.15	18.54
20	X3235	2,3,5-Trichlorophenol	30.00	6	-8.32	2.46	7	-11.46	-8.39	-7.23	9.23
20	X3235	2,3,5-Trichlorophenol	32.23	2	-10.00	2.07	2	0.00	-11.46	0.00	-8.54
20	X3235	2,3,5-Trichlorophenol	38.46	2	31.85	63.75	2	0.00	-13.23	0.00	76.92

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3235	2,3,5-Trichlorophenol	58.62	1	18.31	0.00	1	0.00	0.00	0.00	18.31
20	X3235	2,3,5-Trichlorophenol	76.15	1	-32.15	0.00	1	0.00	0.00	0.00	-32.15
20	X3235	2,3,5-Trichlorophenol	76.92	4	78.24	21.82	4	49.55	76.77	84.69	101.94
20	X3235	2,3,5-Trichlorophenol	81.54	1	-25.39	0.00	1	0.00	0.00	0.00	-25.39
20	X3235	2,3,5-Trichlorophenol	1,230.77	2	-146.15	76.15	2	0.00	-200.00	0.00	-92.31
20	X32356	2,3,5,6-Tetrachlorophenol	0.16	3	0.28	0.00	3	0.00	0.28	0.28	0.28
20	X32356	2,3,5,6-Tetrachlorophenol	0.75	1	0.03	0.00	1	0.00	0.00	0.00	0.03
20	X32356	2,3,5,6-Tetrachlorophenol	1.00	3	-0.36	0.27	3	0.00	-0.53	-0.51	-0.05
20	X32356	2,3,5,6-Tetrachlorophenol	1.25	1	-0.68	0.00	1	0.00	0.00	0.00	-0.68
20	X32356	2,3,5,6-Tetrachlorophenol	1.38	2	-0.09	1.46	2	0.00	-1.13	0.00	0.94
20	X32356	2,3,5,6-Tetrachlorophenol	1.50	2	0.06	0.44	2	0.00	-0.25	0.00	0.38
20	X32356	2,3,5,6-Tetrachlorophenol	1.61	1	-0.58	0.00	1	0.00	0.00	0.00	-0.58
20	X32356	2,3,5,6-Tetrachlorophenol	2.01	5	-0.07	0.31	5	-0.62	0.04	0.07	0.09
20	X32356	2,3,5,6-Tetrachlorophenol	2.50	6	-0.87	0.30	7	-1.25	-0.88	-0.75	3.47
20	X32356	2,3,5,6-Tetrachlorophenol	3.13	1	-0.17	0.00	1	0.00	0.00	0.00	-0.17
20	X32356	2,3,5,6-Tetrachlorophenol	3.19	3	-0.27	1.67	3	0.00	-2.19	0.50	0.88
20	X32356	2,3,5,6-Tetrachlorophenol	3.99	5	-1.58	0.44	5	-2.11	-1.99	-1.36	-1.18
20	X32356	2,3,5,6-Tetrachlorophenol	5.00	2	1.19	1.95	2	0.00	-0.19	0.00	2.56
20	X32356	2,3,5,6-Tetrachlorophenol	6.25	49	-0.51	0.63	59	-1.00	-0.56	0.06	4.38
20	X32356	2,3,5,6-Tetrachlorophenol	6.38	1	-3.63	0.00	1	0.00	0.00	0.00	-3.63

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X32356	2,3,5,6-Tetrachlorophenol	6.63	7	1.30	0.96	8	-0.24	1.38	1.88	2.22
20	X32356	2,3,5,6-Tetrachlorophenol	8.19	4	-1.00	2.45	4	-3.44	-2.44	-0.19	2.06
20	X32356	2,3,5,6-Tetrachlorophenol	10.41	2	1.56	2.96	2	0.00	-0.53	0.00	3.66
20	X32356	2,3,5,6-Tetrachlorophenol	12.50	98	-1.40	2.08	113	-3.13	-1.88	0.00	5.63
20	X32356	2,3,5,6-Tetrachlorophenol	12.94	6	-3.12	1.47	6	-5.56	-3.31	-2.75	-1.00
20	X32356	2,3,5,6-Tetrachlorophenol	13.51	1	8.99	0.00	1	0.00	0.00	0.00	8.99
20	X32356	2,3,5,6-Tetrachlorophenol	15.31	28	0.20	11.93	30	-10.75	-1.56	9.63	69.06
20	X32356	2,3,5,6-Tetrachlorophenol	15.63	49	-2.41	1.32	57	-3.56	-2.31	-1.56	6.56
20	X32356	2,3,5,6-Tetrachlorophenol	16.19	1	1.75	0.00	1	0.00	0.00	0.00	1.75
20	X32356	2,3,5,6-Tetrachlorophenol	19.13	14	1.98	4.51	15	-2.44	2.13	5.75	16.50
20	X32356	2,3,5,6-Tetrachlorophenol	25.88	2	-6.56	0.44	2	0.00	-6.88	0.00	-6.25
20	X32356	2,3,5,6-Tetrachlorophenol	31.25	3	18.65	32.67	3	0.00	-2.81	2.50	56.25
20	X32356	2,3,5,6-Tetrachlorophenol	31.88	1	0.00	0.00	1	0.00	0.00	0.00	0.00
20	X32356	2,3,5,6-Tetrachlorophenol	44.94	1	17.56	0.00	1	0.00	0.00	0.00	17.56
20	X32356	2,3,5,6-Tetrachlorophenol	61.25	1	-17.44	0.00	1	0.00	0.00	0.00	-17.44
20	X32356	2,3,5,6-Tetrachlorophenol	62.50	4	-18.27	7.02	5	-26.63	-21.00	-14.81	-1.38
20	X32356	2,3,5,6-Tetrachlorophenol	65.63	1	-19.38	0.00	1	0.00	0.00	0.00	-19.38
20	X32356	2,3,5,6-Tetrachlorophenol	1,000.00	2	-75.00	17.68	2	0.00	-87.50	0.00	-62.50
20	X3245	2,4,5-Trichlorophenol	0.21	3	0.25	0.00	3	0.00	0.25	0.25	0.25
20	X3245	2,4,5-Trichlorophenol	0.92	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3245	2,4,5-Trichlorophenol	1.23	3	-0.40	0.38	3	0.00	-0.62	-0.62	0.05
20	X3245	2,4,5-Trichlorophenol	1.54	1	-0.23	0.00	1	0.00	0.00	0.00	-0.23
20	X3245	2,4,5-Trichlorophenol	1.85	1	0.92	0.00	1	0.00	0.00	0.00	0.92
20	X3245	2,4,5-Trichlorophenol	2.00	1	0.46	0.00	1	0.00	0.00	0.00	0.46
20	X3245	2,4,5-Trichlorophenol	2.13	1	-1.05	0.00	1	0.00	0.00	0.00	-1.05
20	X3245	2,4,5-Trichlorophenol	2.67	5	-0.53	0.57	5	-1.26	-0.82	-0.66	0.05
20	X3245	2,4,5-Trichlorophenol	3.08	8	-0.77	0.45	9	-1.08	-1.00	-0.46	-0.08
20	X3245	2,4,5-Trichlorophenol	3.85	1	-0.22	0.00	1	0.00	0.00	0.00	-0.22
20	X3245	2,4,5-Trichlorophenol	4.23	3	-1.44	1.63	3	0.00	-3.15	-1.23	0.08
20	X3245	2,4,5-Trichlorophenol	5.10	3	-1.97	0.12	5	-2.10	-1.95	-1.87	-0.49
20	X3245	2,4,5-Trichlorophenol	5.17	7	-0.79	0.89	8	-1.29	-0.69	-0.01	2.42
20	X3245	2,4,5-Trichlorophenol	6.15	2	-0.04	0.92	2	0.00	-0.69	0.00	0.62
20	X3245	2,4,5-Trichlorophenol	7.69	44	-0.29	0.37	59	-0.69	-0.39	0.00	2.31
20	X3245	2,4,5-Trichlorophenol	8.38	1	-5.15	0.00	1	0.00	0.00	0.00	-5.15
20	X3245	2,4,5-Trichlorophenol	12.81	2	-1.23	3.21	2	0.00	-3.50	0.00	1.04
20	X3245	2,4,5-Trichlorophenol	15.38	111	-3.07	2.61	119	-5.15	-3.15	-1.23	3.85
20	X3245	2,4,5-Trichlorophenol	15.45	1	-12.37	0.00	1	0.00	0.00	0.00	-12.37
20	X3245	2,4,5-Trichlorophenol	17.77	4	-5.85	0.65	6	-6.46	-6.00	-4.92	-1.39
20	X3245	2,4,5-Trichlorophenol	19.08	44	-5.22	2.36	48	-7.46	-4.39	-3.46	11.85
20	X3245	2,4,5-Trichlorophenol	19.23	13	-6.63	6.50	13	-14.85	-6.15	-3.46	3.85

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3245	2,4,5-Trichlorophenol	23.08	29	-2.32	7.10	30	-10.00	-3.15	0.92	10.77
20	X3245	2,4,5-Trichlorophenol	28.85	14	-13.13	3.27	15	-15.77	-13.46	-10.00	-2.69
20	X3245	2,4,5-Trichlorophenol	35.54	2	-11.00	2.07	2	0.00	-12.46	0.00	-9.54
20	X3245	2,4,5-Trichlorophenol	38.46	7	-10.80	3.70	9	-15.69	-12.69	-8.31	13.85
20	X3245	2,4,5-Trichlorophenol	56.23	1	20.39	0.00	1	0.00	0.00	0.00	20.39
20	X3245	2,4,5-Trichlorophenol	76.92	5	68.83	45.71	5	-4.62	56.79	84.97	112.32
20	X3245	2,4,5-Trichlorophenol	92.31	1	-57.23	0.00	1	0.00	0.00	0.00	-57.23
20	X3245	2,4,5-Trichlorophenol	1,230.77	2	-142.31	168.62	2	0.00	-261.54	0.00	-23.08
20	X3246	2,4,6-Trichlorophenol	0.22	3	0.45	0.45	3	0.00	-0.06	0.71	0.71
20	X3246	2,4,6-Trichlorophenol	0.92	1	-0.04	0.00	1	0.00	0.00	0.00	-0.04
20	X3246	2,4,6-Trichlorophenol	1.23	3	-0.40	0.35	3	0.00	-0.62	-0.58	0.00
20	X3246	2,4,6-Trichlorophenol	1.54	1	-0.69	0.00	1	0.00	0.00	0.00	-0.69
20	X3246	2,4,6-Trichlorophenol	1.84	1	0.62	0.00	1	0.00	0.00	0.00	0.62
20	X3246	2,4,6-Trichlorophenol	1.85	1	0.85	0.00	1	0.00	0.00	0.00	0.85
20	X3246	2,4,6-Trichlorophenol	1.92	1	-0.90	0.00	1	0.00	0.00	0.00	-0.90
20	X3246	2,4,6-Trichlorophenol	2.40	5	-0.34	0.37	5	-0.82	-0.52	-0.42	0.05
20	X3246	2,4,6-Trichlorophenol	3.08	8	-0.60	0.52	9	-1.23	-0.46	-0.39	6.15
20	X3246	2,4,6-Trichlorophenol	5.08	3	-1.82	1.96	3	0.00	-3.77	-1.85	0.15
20	X3246	2,4,6-Trichlorophenol	5.29	3	-3.19	0.16	5	-3.37	-3.14	-3.06	-2.14
20	X3246	2,4,6-Trichlorophenol	6.15	2	1.12	0.27	2	0.00	0.92	0.00	1.31

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3246	2,4,6-Trichlorophenol	6.71	6	-1.25	0.60	8	-1.99	-1.39	-1.04	0.33
20	X3246	2,4,6-Trichlorophenol	7.69	40	-0.51	0.51	48	-1.08	-0.46	-0.23	3.08
20	X3246	2,4,6-Trichlorophenol	10.15	1	-6.39	0.00	1	0.00	0.00	0.00	-6.39
20	X3246	2,4,6-Trichlorophenol	12.81	2	-2.08	2.67	2	0.00	-3.96	0.00	-0.19
20	X3246	2,4,6-Trichlorophenol	15.38	116	-2.80	3.23	121	-5.39	-3.08	-0.77	3.85
20	X3246	2,4,6-Trichlorophenol	15.70	1	1.22	0.00	1	0.00	0.00	0.00	1.22
20	X3246	2,4,6-Trichlorophenol	18.46	29	2.76	5.36	30	-1.54	0.00	6.62	12.15
20	X3246	2,4,6-Trichlorophenol	19.23	60	-4.48	1.75	63	-6.31	-4.39	-3.46	-0.15
20	X3246	2,4,6-Trichlorophenol	23.08	14	3.37	6.02	15	-1.39	2.31	7.31	21.54
20	X3246	2,4,6-Trichlorophenol	30.77	2	-8.62	2.50	2	0.00	-10.39	0.00	-6.85
20	X3246	2,4,6-Trichlorophenol	38.46	6	-9.85	3.24	8	-12.77	-8.62	-5.54	84.62
20	X3246	2,4,6-Trichlorophenol	38.54	2	-9.96	4.73	2	0.00	-13.31	0.00	-6.62
20	X3246	2,4,6-Trichlorophenol	38.62	2	-16.92	0.00	2	0.00	-16.92	0.00	-16.92
20	X3246	2,4,6-Trichlorophenol	39.23	1	-10.00	0.00	1	0.00	0.00	0.00	-10.00
20	X3246	2,4,6-Trichlorophenol	55.62	1	21.31	0.00	1	0.00	0.00	0.00	21.31
20	X3246	2,4,6-Trichlorophenol	57.69	11	-4.22	7.23	12	-12.46	-3.69	-0.39	6.54
20	X3246	2,4,6-Trichlorophenol	73.85	1	-36.92	0.00	1	0.00	0.00	0.00	-36.92
20	X3246	2,4,6-Trichlorophenol	76.92	1	-2.31	0.00	1	0.00	0.00	0.00	-2.31
20	X3246	2,4,6-Trichlorophenol	115.38	1	-42.31	0.00	1	0.00	0.00	0.00	-42.31
20	X3246	2,4,6-Trichlorophenol	384.62	4	398.27	87.63	4	287.70	368.31	464.31	472.77

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3246	2,4,6-Trichlorophenol	1,230.77	2	-42.31	5.44	2	0.00	-46.15	0.00	-38.46
20	X34C3M	4-Chloro-3-methylphenol	0.18	3	0.53	0.39	3	0.00	0.09	0.75	0.75
20	X34C3M	4-Chloro-3-methylphenol	0.80	1	-0.05	0.00	1	0.00	0.00	0.00	-0.05
20	X34C3M	4-Chloro-3-methylphenol	1.07	3	-0.24	0.24	3	0.00	-0.48	-0.23	-0.01
20	X34C3M	4-Chloro-3-methylphenol	1.33	1	-0.57	0.00	1	0.00	0.00	0.00	-0.57
20	X34C3M	4-Chloro-3-methylphenol	1.60	2	1.40	0.66	2	0.00	0.93	0.00	1.87
20	X34C3M	4-Chloro-3-methylphenol	1.67	1	-0.64	0.00	1	0.00	0.00	0.00	-0.64
20	X34C3M	4-Chloro-3-methylphenol	2.08	5	0.78	0.45	5	0.18	0.48	0.81	1.23
20	X34C3M	4-Chloro-3-methylphenol	2.67	9	-0.71	0.51	9	-1.20	-1.07	-0.47	-0.01
20	X34C3M	4-Chloro-3-methylphenol	3.47	3	-1.44	1.27	3	0.00	-2.67	-1.53	-0.13
20	X34C3M	4-Chloro-3-methylphenol	4.46	4	-2.18	0.75	5	-2.99	-2.53	-1.93	10.21
20	X34C3M	4-Chloro-3-methylphenol	5.07	3	-0.37	1.22	3	0.00	-1.78	0.24	0.43
20	X34C3M	4-Chloro-3-methylphenol	5.09	3	-1.15	0.65	3	0.00	-1.61	-1.43	-0.40
20	X34C3M	4-Chloro-3-methylphenol	5.11	2	-1.11	0.14	2	0.00	-1.21	0.00	-1.01
20	X34C3M	4-Chloro-3-methylphenol	5.33	2	0.37	2.31	2	0.00	-1.27	0.00	2.00
20	X34C3M	4-Chloro-3-methylphenol	6.67	40	-0.36	0.49	49	-0.60	-0.33	0.07	4.00
20	X34C3M	4-Chloro-3-methylphenol	6.87	1	-4.53	0.00	1	0.00	0.00	0.00	-4.53
20	X34C3M	4-Chloro-3-methylphenol	11.10	2	-3.53	1.18	2	0.00	-4.37	0.00	-2.70
20	X34C3M	4-Chloro-3-methylphenol	13.33	119	-3.44	2.66	124	-5.33	-3.33	-1.33	11.33
20	X34C3M	4-Chloro-3-methylphenol	13.77	1	-5.77	0.00	1	0.00	0.00	0.00	-5.77

Results expressed as the ratio: (result-expected)/RMDI.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X34C3M	4-Chloro-3-methylphenol	16.67	58	-2.80	1.89	63	-4.80	-2.80	-1.80	2.53
20	X34C3M	4-Chloro-3-methylphenol	17.00	28	0.21	2.75	30	-2.73	0.47	1.67	5.13
20	X34C3M	4-Chloro-3-methylphenol	20.00	1	-2.10	0.00	1	0.00	0.00	0.00	-2.10
20	X34C3M	4-Chloro-3-methylphenol	21.20	14	-5.73	3.21	15	-8.27	-6.53	-3.67	5.47
20	X34C3M	4-Chloro-3-methylphenol	26.67	2	-8.93	0.38	2	0.00	-9.20	0.00	-8.67
20	X34C3M	4-Chloro-3-methylphenol	33.33	7	-5.97	5.68	8	-11.07	-6.13	-2.93	93.33
20	X34C3M	4-Chloro-3-methylphenol	34.00	1	8.67	0.00	1	0.00	0.00	0.00	8.67
20	X34C3M	4-Chloro-3-methylphenol	66.67	1	44.67	0.00	1	0.00	0.00	0.00	44.67
20	X34C3M	4-Chloro-3-methylphenol	68.00	1	-39.20	0.00	1	0.00	0.00	0.00	-39.20
20	X34C3M	4-Chloro-3-methylphenol	80.00	1	-4.00	0.00	1	0.00	0.00	0.00	-4.00
20	X34C3M	4-Chloro-3-methylphenol	83.33	5	-16.28	5.30	8	-21.93	-15.33	-10.00	10.00
20	X34C3M	4-Chloro-3-methylphenol	86.67	3	8.89	13.88	3	0.00	-6.67	13.33	20.00
20	X34C3M	4-Chloro-3-methylphenol	166.67	1	-73.33	0.00	1	0.00	0.00	0.00	-73.33
20	X34C3M	4-Chloro-3-methylphenol	333.33	4	217.66	126.54	4	54.22	192.29	274.27	349.87
20	X34C3M	4-Chloro-3-methylphenol	1,066.67	2	-120.00	141.42	2	0.00	-220.00	0.00	-20.00
20	X3PCPH	Pentachlorophenol	0.21	3	0.38	0.44	3	0.00	-0.13	0.64	0.64
20	X3PCPH	Pentachlorophenol	0.92	1	-0.02	0.00	1	0.00	0.00	0.00	-0.02
20	X3PCPH	Pentachlorophenol	1.23	3	-0.42	0.35	3	0.00	-0.64	-0.60	-0.02
20	X3PCPH	Pentachlorophenol	1.54	1	-1.15	0.00	1	0.00	0.00	0.00	-1.15
20	X3PCPH	Pentachlorophenol	1.85	2	3.77	6.31	2	0.00	-0.69	0.00	8.23

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3PCPH	Pentachlorophenol	1.92	1	-0.59	0.00	1	0.00	0.00	0.00	-0.59
20	X3PCPH	Pentachlorophenol	2.40	5	-0.15	0.31	5	-0.70	-0.04	-0.02	0.03
20	X3PCPH	Pentachlorophenol	3.08	5	-0.71	0.68	9	-1.46	-0.54	0.00	18.46
20	X3PCPH	Pentachlorophenol	4.00	3	-1.64	2.29	3	0.00	-3.46	-2.39	0.92
20	X3PCPH	Pentachlorophenol	5.15	3	-4.17	0.22	5	-4.30	-4.30	-3.92	-2.69
20	X3PCPH	Pentachlorophenol	6.15	2	-1.15	3.26	2	0.00	-3.46	0.00	1.15
20	X3PCPH	Pentachlorophenol	7.48	1	1.61	0.00	1	0.00	0.00	0.00	1.61
20	X3PCPH	Pentachlorophenol	7.48	7	0.53	2.05	7	-1.67	-1.27	1.52	3.09
20	X3PCPH	Pentachlorophenol	7.69	14	-1.93	2.24	16	-3.54	-1.46	-0.08	20.00
20	X3PCPH	Pentachlorophenol	8.00	1	-3.46	0.00	1	0.00	0.00	0.00	-3.46
20	X3PCPH	Pentachlorophenol	12.81	2	7.85	0.93	2	0.00	7.19	0.00	8.50
20	X3PCPH	Pentachlorophenol	15.38	110	-2.82	3.76	119	-6.15	-2.46	-0.77	11.54
20	X3PCPH	Pentachlorophenol	15.77	1	1.15	0.00	1	0.00	0.00	0.00	1.15
20	X3PCPH	Pentachlorophenol	19.23	57	-3.41	2.21	63	-5.15	-3.46	-1.92	8.85
20	X3PCPH	Pentachlorophenol	19.44	27	-6.72	10.89	29	-17.05	-6.44	2.10	100.56
20	X3PCPH	Pentachlorophenol	19.46	3	4.46	12.86	3	0.00	-4.23	-1.62	19.23
20	X3PCPH	Pentachlorophenol	23.08	35	0.11	2.02	35	-2.00	0.00	1.46	3.08
20	X3PCPH	Pentachlorophenol	24.31	15	-1.42	6.25	15	-8.15	-2.54	3.39	10.31
20	X3PCPH	Pentachlorophenol	27.62	1	2.69	0.00	1	0.00	0.00	0.00	2.69
20	X3PCPH	Pentachlorophenol	27.69	1	-5.39	0.00	1	0.00	0.00	0.00	-5.39

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quantiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
20	X3PCPH	Pentachlorophenol	38.46	7	4.53	14.99	8	-4.92	-0.15	19.23	153.85
20	X3PCPH	Pentachlorophenol	46.54	1	-2.08	0.00	1	0.00	0.00	0.00	-2.08
20	X3PCPH	Pentachlorophenol	46.62	1	4.62	0.00	1	0.00	0.00	0.00	4.62
20	X3PCPH	Pentachlorophenol	51.08	3	-11.64	2.22	4	-12.92	-12.92	-9.08	9.69
20	X3PCPH	Pentachlorophenol	58.85	1	18.08	0.00	1	0.00	0.00	0.00	18.08
20	X3PCPH	Pentachlorophenol	77.69	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
20	X3PCPH	Pentachlorophenol	93.08	2	-19.89	3.32	2	0.00	-22.23	0.00	-17.54
20	X3PCPH	Pentachlorophenol	96.15	7	-9.63	11.95	8	-30.23	-13.31	-3.85	3.85
20	X3PCPH	Pentachlorophenol	100.00	3	17.95	24.73	3	0.00	0.00	7.69	46.15
20	X3PCPH	Pentachlorophenol	153.85	1	95.39	0.00	1	0.00	0.00	0.00	95.39
20	X3PCPH	Pentachlorophenol	192.31	1	-115.39	0.00	1	0.00	0.00	0.00	-115.39
20	X3PCPH	Pentachlorophenol	384.62	3	302.82	32.37	4	270.95	301.85	335.65	481.96
20	X3PCPH	Pentachlorophenol	1,230.77	2	-46.15	0.00	2	0.00	-46.15	0.00	-46.15

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X1HCBBD	Hexachlorobutadiene	0.00	1	2.50	0.00	1	0.00	0.00	0.00	2.50
23	X1HCBBD	Hexachlorobutadiene	0.01	2	-0.01	0.00	2	0.00	-0.01	0.00	-0.01
23	X1HCBBD	Hexachlorobutadiene	0.50	1	-0.20	0.00	1	0.00	0.00	0.00	-0.20
23	X1HCBBD	Hexachlorobutadiene	1.00	9	-0.60	0.17	9	-0.73	-0.65	-0.50	-0.41
23	X1HCBBD	Hexachlorobutadiene	2.00	1	-1.63	0.00	1	0.00	0.00	0.00	-1.63
23	X1HCBBD	Hexachlorobutadiene	2.50	13	-0.78	0.40	15	-1.16	-0.72	-0.46	1.10
23	X1HCBBD	Hexachlorobutadiene	3.85	1	-0.60	0.00	1	0.00	0.00	0.00	-0.60
23	X1HCBBD	Hexachlorobutadiene	3.90	3	864.10	1,499.96	3	0.00	-2.30	-1.50	2596.10
23	X1HCBBD	Hexachlorobutadiene	4.00	3	-0.80	0.17	4	-1.00	-0.70	-0.70	-0.20
23	X1HCBBD	Hexachlorobutadiene	4.50	1	-1.20	0.00	1	0.00	0.00	0.00	-1.20
23	X1HCBBD	Hexachlorobutadiene	4.70	4	-1.68	0.33	6	-2.00	-1.50	-1.30	0.20
23	X1HCBBD	Hexachlorobutadiene	4.80	1	0.90	0.00	1	0.00	0.00	0.00	0.90
23	X1HCBBD	Hexachlorobutadiene	5.00	88	-1.09	0.72	97	-2.00	-1.00	-0.80	4.00
23	X1HCBBD	Hexachlorobutadiene	6.20	15	-3.27	1.08	16	-4.10	-3.50	-2.20	-0.10
23	X1HCBBD	Hexachlorobutadiene	6.25	18	-4.07	0.74	22	-4.65	-4.25	-3.25	-1.00
23	X1HCBBD	Hexachlorobutadiene	6.30	5	-2.94	0.77	5	-4.20	-3.10	-2.70	-2.30
23	X1HCBBD	Hexachlorobutadiene	6.40	3	-1.00	0.46	3	0.00	-1.50	-0.90	-0.60
23	X1HCBBD	Hexachlorobutadiene	7.50	22	-1.99	0.73	23	-2.60	-1.90	-1.40	44.20
23	X1HCBBD	Hexachlorobutadiene	8.00	1	-6.80	0.00	1	0.00	0.00	0.00	-6.80
23	X1HCBBD	Hexachlorobutadiene	9.40	4	-2.19	0.36	5	-2.50	-2.50	-1.90	-1.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X1HCBD	Hexachlorobutadiene	10.00	7	-2.50	4.42	7	-8.20	-3.40	-1.00	3.10
23	X1HCBD	Hexachlorobutadiene	12.50	2	-2.65	0.35	2	0.00	-2.90	0.00	-2.40
23	X1HCBD	Hexachlorobutadiene	15.00	2	-4.36	2.21	2	0.00	-5.92	0.00	-2.80
23	X1HCBD	Hexachlorobutadiene	19.20	5	-7.06	5.21	5	-15.10	-9.50	-4.50	-2.90
23	X1HCBD	Hexachlorobutadiene	19.60	2	-3.75	3.18	2	0.00	-6.00	0.00	-1.50
23	X1HCBD	Hexachlorobutadiene	20.00	2	-9.15	7.71	2	0.00	-14.60	0.00	-3.70
23	X1HCBD	Hexachlorobutadiene	20.80	3	-18.60	0.20	5	-18.80	-18.60	-18.40	-17.20
23	X1HCBD	Hexachlorobutadiene	50.00	4	-46.95	0.41	5	-47.40	-47.00	-47.00	-46.10
23	X1HCBD	Hexachlorobutadiene	92.50	1	105.40	0.00	1	0.00	0.00	0.00	105.40
23	X1HCBD	Hexachlorobutadiene	100.00	1	-36.00	0.00	1	0.00	0.00	0.00	-36.00
23	X1HCBD	Hexachlorobutadiene	200.00	7	-86.26	31.95	8	-107.50	-99.70	-43.00	10.00
23	X1HCBD	Hexachlorobutadiene	230.00	1	-229.77	0.00	1	0.00	0.00	0.00	-229.77
23	X1HCBD	Hexachlorobutadiene	268.00	1	-129.40	0.00	1	0.00	0.00	0.00	-129.40
23	X1HCBD	Hexachlorobutadiene	315.80	1	-123.40	0.00	1	0.00	0.00	0.00	-123.40
23	X1HCBD	Hexachlorobutadiene	400.00	4	-291.60	29.79	4	-329.40	-294.00	-286.00	-257.00
23	X1HCBD	Hexachlorobutadiene	1,665.00	2	-635.00	240.42	2	0.00	-805.00	0.00	-465.00
23	X1HCBD	Hexachlorobutadiene	2,000.00	2	-1050.00	169.71	2	0.00	-1170.00	0.00	-930.00
23	X1HCBD	Hexachlorobutadiene	2,010.00	1	-208.90	0.00	1	0.00	0.00	0.00	-208.90
23	X1HCBD	Hexachlorobutadiene	3,850.00	4	-820.00	149.89	4	-980.00	-910.00	-730.00	-660.00
23	X1HCBD	Hexachlorobutadiene	4,000.00	2	-754.00	347.90	2	0.00	-1000.00	0.00	-508.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	XIHCBD	Hexachlorobutadiene	8,000.00	1	-240.00	0.00	1	0.00	0.00	0.00	-240.00
23	XIHCCP	Hexachlorocyclopentadiene	0.01	1	3.99	0.00	1	0.00	0.00	0.00	3.99
23	XIHCCP	Hexachlorocyclopentadiene	0.02	2	0.00	0.01	2	0.00	-0.01	0.00	0.01
23	XIHCCP	Hexachlorocyclopentadiene	1.00	2	-0.19	0.41	2	0.00	-0.48	0.00	0.10
23	XIHCCP	Hexachlorocyclopentadiene	2.06	1	-0.48	0.00	1	0.00	0.00	0.00	-0.48
23	XIHCCP	Hexachlorocyclopentadiene	2.10	3	165.07	288.24	3	0.00	-1.70	-1.00	497.90
23	XIHCCP	Hexachlorocyclopentadiene	4.00	4	-2.30	0.00	4	-2.30	-2.30	-2.30	-2.30
23	XIHCCP	Hexachlorocyclopentadiene	4.80	1	-1.90	0.00	1	0.00	0.00	0.00	-1.90
23	XIHCCP	Hexachlorocyclopentadiene	5.00	5	-2.70	0.59	6	-3.30	-2.80	-2.50	-0.60
23	XIHCCP	Hexachlorocyclopentadiene	5.10	1	-0.30	0.00	1	0.00	0.00	0.00	-0.30
23	XIHCCP	Hexachlorocyclopentadiene	5.40	3	3.50	5.20	3	0.00	0.50	0.50	9.50
23	XIHCCP	Hexachlorocyclopentadiene	7.50	35	-3.06	0.93	36	-4.00	-3.10	-2.40	-1.00
23	XIHCCP	Hexachlorocyclopentadiene	8.00	1	-6.30	0.00	1	0.00	0.00	0.00	-6.30
23	XIHCCP	Hexachlorocyclopentadiene	9.40	3	-3.86	0.05	5	-3.90	-3.87	-3.80	-3.40
23	XIHCCP	Hexachlorocyclopentadiene	10.00	82	-5.62	3.32	84	-8.70	-6.00	-3.00	4.00
23	XIHCCP	Hexachlorocyclopentadiene	10.30	4	-7.73	0.28	5	-8.00	-7.90	-7.60	-1.10
23	XIHCCP	Hexachlorocyclopentadiene	12.50	2	-8.70	2.97	2	0.00	-10.80	0.00	-6.60
23	XIHCCP	Hexachlorocyclopentadiene	14.50	1	-13.50	0.00	1	0.00	0.00	0.00	-13.50
23	XIHCCP	Hexachlorocyclopentadiene	18.70	1	-10.30	0.00	1	0.00	0.00	0.00	-10.30
23	XIHCCP	Hexachlorocyclopentadiene	18.75	19	-11.54	3.85	22	-14.75	-10.75	-9.15	2.62

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X1HCCP	Hexachlorocyclopentadiene	18.80	20	-8.50	3.90	20	-11.90	-8.50	-5.50	0.10
23	X1HCCP	Hexachlorocyclopentadiene	20.00	2	-14.10	6.08	2	0.00	-18.40	0.00	-9.80
23	X1HCCP	Hexachlorocyclopentadiene	20.40	4	-16.20	1.05	5	-17.60	-16.40	-15.40	-13.00
23	X1HCCP	Hexachlorocyclopentadiene	40.00	2	-2.65	0.07	2	0.00	-2.70	0.00	-2.60
23	X1HCCP	Hexachlorocyclopentadiene	42.60	2	-29.15	1.49	2	0.00	-30.20	0.00	-28.10
23	X1HCCP	Hexachlorocyclopentadiene	50.00	25	-8.58	5.00	34	-12.40	-9.60	-4.00	15.70
23	X1HCCP	Hexachlorocyclopentadiene	92.60	1	-91.60	0.00	1	0.00	0.00	0.00	-91.60
23	X1HCCP	Hexachlorocyclopentadiene	200.00	6	-168.90	46.55	8	-199.00	-198.80	-108.30	-43.00
23	X1HCCP	Hexachlorocyclopentadiene	268.00	1	-232.80	0.00	1	0.00	0.00	0.00	-232.80
23	X1HCCP	Hexachlorocyclopentadiene	380.00	1	-379.62	0.00	1	0.00	0.00	0.00	-379.62
23	X1HCCP	Hexachlorocyclopentadiene	400.00	4	-310.25	34.95	4	-339.50	-339.50	-292.00	-270.00
23	X1HCCP	Hexachlorocyclopentadiene	1,665.00	2	25.00	438.41	2	0.00	-285.00	0.00	335.00
23	X1HCCP	Hexachlorocyclopentadiene	2,000.00	3	-378.37	219.64	3	0.00	-630.00	-280.00	-225.10
23	X1HCCP	Hexachlorocyclopentadiene	3,850.00	4	-230.00	1,682.64	4	-2500.00	-350.00	480.00	1450.00
23	X1HCCP	Hexachlorocyclopentadiene	4,000.00	2	-107.00	575.59	2	0.00	-514.00	0.00	300.00
23	X1HCCP	Hexachlorocyclopentadiene	8,000.00	1	850.00	0.00	1	0.00	0.00	0.00	850.00
23	X2123	1,2,3-Trichlorobenzene	0.02	2	0.00	0.00	2	0.00	0.00	0.00	0.00
23	X2123	1,2,3-Trichlorobenzene	0.05	1	27.95	0.00	1	0.00	0.00	0.00	27.95
23	X2123	1,2,3-Trichlorobenzene	3.70	3	-1.83	0.35	4	-2.20	-1.80	-1.50	2596.30
23	X2123	1,2,3-Trichlorobenzene	5.00	1	-1.80	0.00	1	0.00	0.00	0.00	-1.80

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATC	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2123	1,2,3-Trichlorobenzene	7.50	16	-1.89	0.49	21	-2.20	-2.00	-1.30	3.50
23	X2123	1,2,3-Trichlorobenzene	8.00	5	0.42	1.54	5	-1.65	-0.30	0.20	2.20
23	X2123	1,2,3-Trichlorobenzene	9.40	3	-1.64	0.12	5	-1.71	-1.70	-1.50	-1.30
23	X2123	1,2,3-Trichlorobenzene	10.00	4	-0.83	6.09	4	-7.20	-4.50	2.40	6.00
23	X2123	1,2,3-Trichlorobenzene	10.60	3	0.53	0.12	3	0.00	0.40	0.60	0.60
23	X2123	1,2,3-Trichlorobenzene	12.50	15	-2.71	1.07	17	-3.80	-2.80	-1.50	4.50
23	X2123	1,2,3-Trichlorobenzene	12.60	1	3.40	0.00	1	0.00	0.00	0.00	3.40
23	X2123	1,2,3-Trichlorobenzene	18.50	5	-5.34	0.61	5	-6.20	-5.50	-5.30	-4.50
23	X2123	1,2,3-Trichlorobenzene	18.90	1	-2.90	0.00	1	0.00	0.00	0.00	-2.90
23	X2123	1,2,3-Trichlorobenzene	19.70	6	-6.58	3.59	6	-11.50	-6.90	-5.90	-1.10
23	X2123	1,2,3-Trichlorobenzene	19.80	2	-5.80	2.12	2	0.00	-7.30	0.00	-4.30
23	X2123	1,2,3-Trichlorobenzene	20.00	12	-10.36	4.89	15	-16.00	-8.80	-5.80	16.10
23	X2123	1,2,3-Trichlorobenzene	20.20	5	-10.08	1.57	5	-12.40	-10.20	-10.00	-8.00
23	X2123	1,2,3-Trichlorobenzene	20.30	1	-0.40	0.00	1	0.00	0.00	0.00	-0.40
23	X2123	1,2,3-Trichlorobenzene	25.00	42	-8.67	3.95	43	-12.70	-9.00	-6.00	13.00
23	X2123	1,2,3-Trichlorobenzene	28.60	1	-8.20	0.00	1	0.00	0.00	0.00	-8.20
23	X2123	1,2,3-Trichlorobenzene	36.00	1	-11.00	0.00	1	0.00	0.00	0.00	-11.00
23	X2123	1,2,3-Trichlorobenzene	37.40	26	-7.72	2.87	34	-11.80	-8.00	-6.20	1.00
23	X2123	1,2,3-Trichlorobenzene	37.50	1	-21.00	0.00	1	0.00	0.00	0.00	-21.00
23	X2123	1,2,3-Trichlorobenzene	50.00	63	-3.78	5.97	70	-10.00	-4.00	-1.00	8.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2123	1,2,3-Trichlorobenzene	200.00	7	-93.69	20.01	8	-110.40	-97.40	-80.00	-1.00
23	X2123	1,2,3-Trichlorobenzene	320.00	1	-319.68	0.00	1	0.00	0.00	0.00	-319.68
23	X2123	1,2,3-Trichlorobenzene	400.00	4	-327.03	27.73	4	-355.40	-340.20	-321.50	-291.00
23	X2123	1,2,3-Trichlorobenzene	1,665.00	2	-425.00	367.70	2	0.00	-685.00	0.00	-165.00
23	X2123	1,2,3-Trichlorobenzene	2,000.00	3	-649.23	410.53	3	0.00	-1000.00	-750.00	-197.70
23	X2123	1,2,3-Trichlorobenzene	4,000.00	5	-706.00	246.94	5	-1000.00	-900.00	-640.00	-380.00
23	X21234	1,2,3,4-Tetrachlorobenzene	0.02	2	0.00	0.00	2	0.00	0.00	0.00	0.00
23	X21234	1,2,3,4-Tetrachlorobenzene	0.05	1	30.95	0.00	1	0.00	0.00	0.00	30.95
23	X21234	1,2,3,4-Tetrachlorobenzene	2.60	3	-0.54	0.67	4	-1.30	-0.30	-0.03	2297.40
23	X21234	1,2,3,4-Tetrachlorobenzene	4.00	5	-0.30	0.33	5	-0.70	-0.60	-0.20	0.00
23	X21234	1,2,3,4-Tetrachlorobenzene	5.00	1	-1.20	0.00	1	0.00	0.00	0.00	-1.20
23	X21234	1,2,3,4-Tetrachlorobenzene	7.50	30	-1.59	0.55	36	-2.00	-1.40	-1.05	3.50
23	X21234	1,2,3,4-Tetrachlorobenzene	9.40	4	-0.36	0.17	5	-0.50	-0.50	-0.22	0.20
23	X21234	1,2,3,4-Tetrachlorobenzene	10.00	14	-4.11	3.45	17	-6.40	-4.30	-0.60	8.10
23	X21234	1,2,3,4-Tetrachlorobenzene	11.80	1	-0.80	0.00	1	0.00	0.00	0.00	-0.80
23	X21234	1,2,3,4-Tetrachlorobenzene	12.40	1	-1.80	0.00	1	0.00	0.00	0.00	-1.80
23	X21234	1,2,3,4-Tetrachlorobenzene	12.50	5	-0.36	1.14	5	-1.90	-1.10	-0.20	0.80
23	X21234	1,2,3,4-Tetrachlorobenzene	12.90	6	-4.43	3.07	6	-8.20	-4.60	-4.00	-0.20
23	X21234	1,2,3,4-Tetrachlorobenzene	13.00	5	-1.50	2.16	5	-4.60	-2.50	-1.30	0.90
23	X21234	1,2,3,4-Tetrachlorobenzene	13.30	1	1.20	0.00	1	0.00	0.00	0.00	1.20

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X21234	1,2,3,4-Tetrachlorobenzene	18.80	31	-2.61	1.17	34	-3.80	-3.00	-1.80	-0.40
23	X21234	1,2,3,4-Tetrachlorobenzene	19.60	2	-7.95	2.05	2	0.00	-9.40	0.00	-6.50
23	X21234	1,2,3,4-Tetrachlorobenzene	20.00	2	-9.35	8.56	2	0.00	-15.40	0.00	-3.30
23	X21234	1,2,3,4-Tetrachlorobenzene	20.60	4	-13.83	1.40	5	-15.40	-14.10	-13.80	-10.60
23	X21234	1,2,3,4-Tetrachlorobenzene	25.00	42	-8.46	3.81	43	-11.50	-8.00	-6.00	4.00
23	X21234	1,2,3,4-Tetrachlorobenzene	29.00	1	-6.60	0.00	1	0.00	0.00	0.00	-6.60
23	X21234	1,2,3,4-Tetrachlorobenzene	29.40	1	-7.80	0.00	1	0.00	0.00	0.00	-7.80
23	X21234	1,2,3,4-Tetrachlorobenzene	30.60	1	-14.40	0.00	1	0.00	0.00	0.00	-14.40
23	X21234	1,2,3,4-Tetrachlorobenzene	40.00	2	-2.30	2.97	2	0.00	-4.40	0.00	-0.20
23	X21234	1,2,3,4-Tetrachlorobenzene	50.00	60	-2.95	6.03	68	-8.00	-4.00	2.00	15.00
23	X21234	1,2,3,4-Tetrachlorobenzene	100.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
23	X21234	1,2,3,4-Tetrachlorobenzene	120.00	1	-119.88	0.00	1	0.00	0.00	0.00	-119.88
23	X21234	1,2,3,4-Tetrachlorobenzene	200.00	8	-46.30	26.15	8	-77.00	-49.00	-31.70	-3.90
23	X21234	1,2,3,4-Tetrachlorobenzene	400.00	3	-310.57	9.12	4	-321.10	-305.30	-305.30	-213.00
23	X21234	1,2,3,4-Tetrachlorobenzene	1,665.00	2	855.00	721.25	2	0.00	345.00	0.00	1365.00
23	X21234	1,2,3,4-Tetrachlorobenzene	2,000.00	3	-7.30	336.89	3	0.00	-301.90	-80.00	360.00
23	X21234	1,2,3,4-Tetrachlorobenzene	3,850.00	3	-633.33	80.83	4	-720.00	-620.00	-560.00	-350.00
23	X21234	1,2,3,4-Tetrachlorobenzene	4,000.00	2	-450.00	70.71	2	0.00	-500.00	0.00	-400.00
23	X21234	1,2,3,4-Tetrachlorobenzene	8,000.00	1	850.00	0.00	1	0.00	0.00	0.00	850.00
23	X21235	1,2,3,5-Tetrachlorobenzene	0.02	2	0.00	0.00	2	0.00	0.00	0.00	0.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X21235	1,2,3,5-Tetrachlorobenzene	0.05	1	30.95	0.00	1	0.00	0.00	0.00	30.95
23	X21235	1,2,3,5-Tetrachlorobenzene	3.50	3	-1.12	0.86	4	-2.10	-0.80	-0.47	3096.50
23	X21235	1,2,3,5-Tetrachlorobenzene	4.00	5	-0.30	0.38	5	-0.90	-0.40	-0.20	0.10
23	X21235	1,2,3,5-Tetrachlorobenzene	7.50	32	-1.34	0.89	36	-2.10	-1.10	-0.50	4.50
23	X21235	1,2,3,5-Tetrachlorobenzene	9.40	4	-0.60	0.08	5	-0.70	-0.60	-0.58	0.20
23	X21235	1,2,3,5-Tetrachlorobenzene	10.00	15	-3.97	3.46	17	-7.40	-4.40	-0.30	8.60
23	X21235	1,2,3,5-Tetrachlorobenzene	10.70	3	0.17	0.68	3	0.00	-0.60	0.40	0.70
23	X21235	1,2,3,5-Tetrachlorobenzene	12.50	2	-2.25	1.06	2	0.00	-3.00	0.00	-1.50
23	X21235	1,2,3,5-Tetrachlorobenzene	12.80	1	-4.30	0.00	1	0.00	0.00	0.00	-4.30
23	X21235	1,2,3,5-Tetrachlorobenzene	13.30	5	-4.66	1.54	6	-6.40	-4.40	-3.80	0.30
23	X21235	1,2,3,5-Tetrachlorobenzene	13.80	1	-2.20	0.00	1	0.00	0.00	0.00	-2.20
23	X21235	1,2,3,5-Tetrachlorobenzene	15.60	1	-1.60	0.00	1	0.00	0.00	0.00	-1.60
23	X21235	1,2,3,5-Tetrachlorobenzene	17.50	5	-4.42	2.74	5	-8.90	-4.50	-4.00	-1.60
23	X21235	1,2,3,5-Tetrachlorobenzene	20.00	29	-3.98	0.77	41	-4.60	-3.80	-3.20	28.60
23	X21235	1,2,3,5-Tetrachlorobenzene	20.20	2	30.50	8.91	2	0.00	24.20	0.00	36.80
23	X21235	1,2,3,5-Tetrachlorobenzene	25.00	42	-9.50	4.17	42	-13.00	-10.00	-6.70	-2.00
23	X21235	1,2,3,5-Tetrachlorobenzene	29.60	1	0.70	0.00	1	0.00	0.00	0.00	0.70
23	X21235	1,2,3,5-Tetrachlorobenzene	30.00	1	-26.20	0.00	1	0.00	0.00	0.00	-26.20
23	X21235	1,2,3,5-Tetrachlorobenzene	30.90	1	-15.80	0.00	1	0.00	0.00	0.00	-15.80
23	X21235	1,2,3,5-Tetrachlorobenzene	35.00	1	-20.50	0.00	1	0.00	0.00	0.00	-20.50

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X21235	1,2,3,5-Tetrachlorobenzene	50.00	65	-5.23	6.81	68	-11.00	-7.00	0.00	7.00
23	X21235	1,2,3,5-Tetrachlorobenzene	67.40	1	-18.60	0.00	1	0.00	0.00	0.00	-18.60
23	X21235	1,2,3,5-Tetrachlorobenzene	80.00	2	-3.40	0.85	2	0.00	-4.00	0.00	-2.80
23	X21235	1,2,3,5-Tetrachlorobenzene	100.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
23	X21235	1,2,3,5-Tetrachlorobenzene	200.00	8	-52.78	29.86	8	-87.00	-50.20	-30.00	-24.00
23	X21235	1,2,3,5-Tetrachlorobenzene	210.00	1	-209.79	0.00	1	0.00	0.00	0.00	-209.79
23	X21235	1,2,3,5-Tetrachlorobenzene	400.00	3	-312.23	11.74	4	-324.50	-311.10	-301.10	-213.00
23	X21235	1,2,3,5-Tetrachlorobenzene	1,665.00	2	855.00	721.25	2	0.00	345.00	0.00	1365.00
23	X21235	1,2,3,5-Tetrachlorobenzene	2,000.00	3	11.93	312.42	3	0.00	-244.20	-80.00	360.00
23	X21235	1,2,3,5-Tetrachlorobenzene	3,850.00	4	-585.00	209.36	4	-820.00	-680.00	-500.00	-340.00
23	X21235	1,2,3,5-Tetrachlorobenzene	4,000.00	2	-110.00	862.67	2	0.00	-720.00	0.00	500.00
23	X21235	1,2,3,5-Tetrachlorobenzene	8,000.00	1	720.00	0.00	1	0.00	0.00	0.00	720.00
23	X2124	1,2,4-Trichlorobenzene	0.05	3	8.97	15.57	3	0.00	-0.02	-0.01	26.95
23	X2124	1,2,4-Trichlorobenzene	2.55	1	-1.63	0.00	1	0.00	0.00	0.00	-1.63
23	X2124	1,2,4-Trichlorobenzene	2.60	2	-0.55	0.50	2	0.00	-0.90	0.00	-0.20
23	X2124	1,2,4-Trichlorobenzene	2.80	1	2597.20	0.00	1	0.00	0.00	0.00	2597.20
23	X2124	1,2,4-Trichlorobenzene	5.00	1	-2.10	0.00	1	0.00	0.00	0.00	-2.10
23	X2124	1,2,4-Trichlorobenzene	7.50	16	-1.71	0.48	21	-1.90	-1.70	-0.90	1.80
23	X2124	1,2,4-Trichlorobenzene	8.00	5	-0.66	0.70	5	-1.80	-0.80	-0.40	0.00
23	X2124	1,2,4-Trichlorobenzene	9.40	5	-0.62	0.15	5	-0.80	-0.70	-0.60	-0.40

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2124	1,2,4-Trichlorobenzene	10.00	4	-4.00	4.10	4	-8.50	-6.40	-1.10	0.00
23	X2124	1,2,4-Trichlorobenzene	12.20	1	1.80	0.00	1	0.00	0.00	0.00	1.80
23	X2124	1,2,4-Trichlorobenzene	12.50	14	-2.95	1.30	17	-4.00	-2.40	-1.90	1.50
23	X2124	1,2,4-Trichlorobenzene	12.70	5	-4.56	2.54	5	-8.30	-5.40	-4.50	-1.60
23	X2124	1,2,4-Trichlorobenzene	18.00	1	-7.20	0.00	1	0.00	0.00	0.00	-7.20
23	X2124	1,2,4-Trichlorobenzene	18.50	3	0.97	4.05	3	0.00	-2.30	-0.30	5.50
23	X2124	1,2,4-Trichlorobenzene	18.70	6	-7.18	1.86	6	-9.90	-7.80	-6.80	-4.70
23	X2124	1,2,4-Trichlorobenzene	19.30	1	-13.90	0.00	1	0.00	0.00	0.00	-13.90
23	X2124	1,2,4-Trichlorobenzene	20.00	12	-11.68	4.71	15	-15.80	-10.90	-7.60	14.90
23	X2124	1,2,4-Trichlorobenzene	21.00	4	-11.55	1.08	5	-12.70	-12.20	-10.90	-8.60
23	X2124	1,2,4-Trichlorobenzene	22.60	2	-21.60	0.00	2	0.00	-21.60	0.00	-21.60
23	X2124	1,2,4-Trichlorobenzene	50.00	132	-14.27	7.14	145	-20.00	-15.00	-8.60	6.00
23	X2124	1,2,4-Trichlorobenzene	92.50	1	105.40	0.00	1	0.00	0.00	0.00	105.40
23	X2124	1,2,4-Trichlorobenzene	100.00	3	9.23	22.48	3	0.00	-6.40	-0.90	35.00
23	X2124	1,2,4-Trichlorobenzene	180.00	1	-179.82	0.00	1	0.00	0.00	0.00	-179.82
23	X2124	1,2,4-Trichlorobenzene	200.00	7	-86.60	14.55	8	-100.70	-86.70	-68.00	-30.00
23	X2124	1,2,4-Trichlorobenzene	268.00	1	-134.00	0.00	1	0.00	0.00	0.00	-134.00
23	X2124	1,2,4-Trichlorobenzene	315.80	1	-98.00	0.00	1	0.00	0.00	0.00	-98.00
23	X2124	1,2,4-Trichlorobenzene	400.00	4	-284.15	24.49	4	-311.60	-287.00	-286.00	-252.00
23	X2124	1,2,4-Trichlorobenzene	600.00	1	-184.50	0.00	1	0.00	0.00	0.00	-184.50

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2124	1,2,4-Trichlorobenzene	1,665.00	2	-665.00	282.84	2	0.00	-865.00	0.00	-465.00
23	X2124	1,2,4-Trichlorobenzene	2,000.00	3	-811.67	528.31	3	0.00	-1220.00	-1000.00	-215.00
23	X2124	1,2,4-Trichlorobenzene	3,850.00	4	-582.50	193.63	4	-860.00	-570.00	-460.00	-440.00
23	X2124	1,2,4-Trichlorobenzene	4,000.00	2	-613.00	405.88	2	0.00	-900.00	0.00	-326.00
23	X2124	1,2,4-Trichlorobenzene	8,000.00	1	350.00	0.00	1	0.00	0.00	0.00	350.00
23	X21245	1,2,4,5-Tetrachlorobenzene	0.04	2	-0.01	0.01	2	0.00	-0.01	0.00	0.00
23	X21245	1,2,4,5-Tetrachlorobenzene	0.05	1	30.95	0.00	1	0.00	0.00	0.00	30.95
23	X21245	1,2,4,5-Tetrachlorobenzene	3.50	3	-0.64	1.30	4	-2.00	-0.50	0.59	2596.50
23	X21245	1,2,4,5-Tetrachlorobenzene	4.00	5	-0.32	0.36	5	-0.90	-0.40	-0.20	0.00
23	X21245	1,2,4,5-Tetrachlorobenzene	7.50	32	-1.58	0.91	36	-2.30	-1.60	-0.80	4.50
23	X21245	1,2,4,5-Tetrachlorobenzene	9.40	4	-1.20	0.08	5	-1.30	-1.21	-1.20	-0.90
23	X21245	1,2,4,5-Tetrachlorobenzene	10.00	15	-3.84	3.48	17	-7.70	-4.00	-0.60	8.30
23	X21245	1,2,4,5-Tetrachlorobenzene	12.20	1	4.80	0.00	1	0.00	0.00	0.00	4.80
23	X21245	1,2,4,5-Tetrachlorobenzene	12.50	2	-1.20	0.42	2	0.00	-1.50	0.00	-0.90
23	X21245	1,2,4,5-Tetrachlorobenzene	13.80	1	-2.30	0.00	1	0.00	0.00	0.00	-2.30
23	X21245	1,2,4,5-Tetrachlorobenzene	14.30	6	-6.12	2.10	6	-8.70	-6.50	-6.00	-2.70
23	X21245	1,2,4,5-Tetrachlorobenzene	14.80	1	-0.10	0.00	1	0.00	0.00	0.00	-0.10
23	X21245	1,2,4,5-Tetrachlorobenzene	17.50	4	-3.60	1.13	5	-5.10	-3.80	-3.00	0.80
23	X21245	1,2,4,5-Tetrachlorobenzene	19.60	3	-0.17	1.63	3	0.00	-1.30	-0.90	1.70
23	X21245	1,2,4,5-Tetrachlorobenzene	19.80	2	-3.40	1.27	2	0.00	-4.30	0.00	-2.50

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			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X21245	1,2,4,5-Tetrachlorobenzene	20.00	2	-6.30	0.14	2	0.00	-6.40	0.00	-6.20
23	X21245	1,2,4,5-Tetrachlorobenzene	20.20	5	-12.46	3.22	5	-17.00	-14.70	-10.60	-9.70
23	X21245	1,2,4,5-Tetrachlorobenzene	25.00	1	1.20	0.00	1	0.00	0.00	0.00	1.20
23	X21245	1,2,4,5-Tetrachlorobenzene	30.00	2	-19.80	9.05	2	0.00	-26.20	0.00	-13.40
23	X21245	1,2,4,5-Tetrachlorobenzene	37.40	25	-7.07	1.23	34	-7.60	-7.40	-5.60	3.60
23	X21245	1,2,4,5-Tetrachlorobenzene	37.50	40	-12.67	6.32	42	-18.00	-12.00	-6.70	12.80
23	X21245	1,2,4,5-Tetrachlorobenzene	40.00	2	-4.40	3.39	2	0.00	-6.80	0.00	-2.00
23	X21245	1,2,4,5-Tetrachlorobenzene	50.00	65	-5.11	6.67	68	-11.00	-7.00	0.00	7.00
23	X21245	1,2,4,5-Tetrachlorobenzene	100.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
23	X21245	1,2,4,5-Tetrachlorobenzene	110.00	1	-109.89	0.00	1	0.00	0.00	0.00	-109.89
23	X21245	1,2,4,5-Tetrachlorobenzene	200.00	7	-30.77	22.34	8	-52.40	-31.40	-17.60	21.00
23	X21245	1,2,4,5-Tetrachlorobenzene	400.00	3	-289.53	1.86	4	-291.60	-289.00	-288.00	-251.00
23	X21245	1,2,4,5-Tetrachlorobenzene	1,665.00	2	-370.00	374.77	2	0.00	-635.00	0.00	-105.00
23	X21245	1,2,4,5-Tetrachlorobenzene	2,000.00	3	-687.37	394.10	3	0.00	-1020.00	-790.00	-252.10
23	X21245	1,2,4,5-Tetrachlorobenzene	3,850.00	4	-585.00	209.36	4	-820.00	-680.00	-500.00	-340.00
23	X21245	1,2,4,5-Tetrachlorobenzene	4,000.00	2	-17.50	731.86	2	0.00	-535.00	0.00	500.00
23	X21245	1,2,4,5-Tetrachlorobenzene	8,000.00	1	720.00	0.00	1	0.00	0.00	0.00	720.00
23	X2HCB	Hexachlorobenzene	0.01	2	0.00	0.00	2	0.00	0.00	0.00	0.00
23	X2HCB	Hexachlorobenzene	0.05	1	45.95	0.00	1	0.00	0.00	0.00	45.95
23	X2HCB	Hexachlorobenzene	2.35	1	-0.26	0.00	1	0.00	0.00	0.00	-0.26

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			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2HCB	Hexachlorobenzene	2.40	3	3197.80	5,542.39	3	0.00	-2.10	-2.10	9597.60
23	X2HCB	Hexachlorobenzene	2.50	15	-0.46	0.28	15	-0.80	-0.50	-0.30	0.05
23	X2HCB	Hexachlorobenzene	3.00	3	-0.03	0.29	3	0.00	-0.20	-0.20	0.30
23	X2HCB	Hexachlorobenzene	3.20	1	1.80	0.00	1	0.00	0.00	0.00	1.80
23	X2HCB	Hexachlorobenzene	4.00	4	-0.28	0.31	4	-0.70	-0.30	-0.10	0.00
23	X2HCB	Hexachlorobenzene	5.00	9	-2.44	1.16	9	-3.90	-2.70	-1.90	-0.20
23	X2HCB	Hexachlorobenzene	5.40	1	-0.60	0.00	1	0.00	0.00	0.00	-0.60
23	X2HCB	Hexachlorobenzene	5.60	6	-2.33	0.75	6	-3.30	-2.50	-2.10	-1.30
23	X2HCB	Hexachlorobenzene	5.80	1	2.30	0.00	1	0.00	0.00	0.00	2.30
23	X2HCB	Hexachlorobenzene	6.20	41	-0.79	0.58	50	-1.70	-0.80	-0.60	27.40
23	X2HCB	Hexachlorobenzene	6.25	21	-2.27	1.15	21	-3.25	-2.25	-1.69	-0.13
23	X2HCB	Hexachlorobenzene	6.30	5	-2.54	1.46	5	-4.30	-3.90	-1.90	-1.10
23	X2HCB	Hexachlorobenzene	7.50	18	-1.21	0.49	21	-1.70	-1.10	-0.80	1.60
23	X2HCB	Hexachlorobenzene	8.00	1	-4.80	0.00	1	0.00	0.00	0.00	-4.80
23	X2HCB	Hexachlorobenzene	9.40	5	-0.65	1.14	5	-2.60	-0.50	-0.50	0.20
23	X2HCB	Hexachlorobenzene	10.00	10	-0.50	4.91	10	-5.90	-0.90	0.70	7.20
23	X2HCB	Hexachlorobenzene	11.70	5	-1.54	3.78	5	-6.70	-3.70	-0.30	3.20
23	X2HCB	Hexachlorobenzene	12.50	4	-3.47	3.17	4	-8.06	-2.50	-2.50	-0.80
23	X2HCB	Hexachlorobenzene	15.00	1	1.60	0.00	1	0.00	0.00	0.00	1.60
23	X2HCB	Hexachlorobenzene	20.00	7	-10.94	3.19	7	-15.70	-11.90	-10.00	-5.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2HCB	Hexachlorobenzene	20.80	2	-12.30	1.56	2	0.00	-13.40	0.00	-11.20
23	X2HCB	Hexachlorobenzene	30.00	1	52.20	0.00	1	0.00	0.00	0.00	52.20
23	X2HCB	Hexachlorobenzene	50.00	66	6.00	15.15	68	-8.00	5.00	17.00	44.00
23	X2HCB	Hexachlorobenzene	100.00	1	8.00	0.00	1	0.00	0.00	0.00	8.00
23	X2HCB	Hexachlorobenzene	200.00	7	-40.43	34.67	8	-69.00	-59.00	-7.40	108.00
23	X2HCB	Hexachlorobenzene	268.00	1	-66.00	0.00	1	0.00	0.00	0.00	-66.00
23	X2HCB	Hexachlorobenzene	315.80	1	44.00	0.00	1	0.00	0.00	0.00	44.00
23	X2HCB	Hexachlorobenzene	360.00	1	-359.64	0.00	1	0.00	0.00	0.00	-359.64
23	X2HCB	Hexachlorobenzene	400.00	4	-286.40	13.29	4	-305.60	-285.00	-278.00	-277.00
23	X2HCB	Hexachlorobenzene	1,665.00	2	-265.00	791.96	2	0.00	-825.00	0.00	295.00
23	X2HCB	Hexachlorobenzene	2,000.00	3	-826.87	550.51	3	0.00	-1270.00	-1000.00	-210.60
23	X2HCB	Hexachlorobenzene	3,850.00	4	-597.50	222.92	4	-890.00	-650.00	-450.00	-400.00
23	X2HCB	Hexachlorobenzene	4,000.00	2	-214.50	161.93	2	0.00	-329.00	0.00	-100.00
23	X2HCB	Hexachlorobenzene	8,000.00	1	1430.00	0.00	1	0.00	0.00	0.00	1430.00
23	X2HCE	Hexachloroethane	0.01	3	1.46	2.54	3	0.00	-0.01	-0.01	4.39
23	X2HCE	Hexachloroethane	1.00	10	-0.61	0.21	10	-0.90	-0.62	-0.47	-0.38
23	X2HCE	Hexachloroethane	2.00	1	-1.30	0.00	1	0.00	0.00	0.00	-1.30
23	X2HCE	Hexachloroethane	2.35	1	-0.46	0.00	1	0.00	0.00	0.00	-0.46
23	X2HCE	Hexachloroethane	2.40	3	665.13	1,153.95	3	0.00	-1.50	-0.70	1997.60
23	X2HCE	Hexachloroethane	2.50	14	-0.91	0.24	15	-1.16	-0.96	-0.78	0.26

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2HCE	Hexachloroethane	3.70	31	1.30	2.59	34	-0.70	0.90	4.10	9.10
23	X2HCE	Hexachloroethane	4.00	3	-0.87	0.15	4	-1.00	-0.90	-0.70	0.00
23	X2HCE	Hexachloroethane	5.00	2	-0.85	0.21	2	0.00	-1.00	0.00	-0.70
23	X2HCE	Hexachloroethane	5.50	1	-0.70	0.00	1	0.00	0.00	0.00	-0.70
23	X2HCE	Hexachloroethane	5.70	5	-3.40	0.86	6	-4.20	-3.70	-3.00	-1.70
23	X2HCE	Hexachloroethane	5.90	1	0.50	0.00	1	0.00	0.00	0.00	0.50
23	X2HCE	Hexachloroethane	6.20	16	-3.12	1.00	16	-3.90	-3.30	-2.40	-1.20
23	X2HCE	Hexachloroethane	6.25	21	-3.40	0.73	22	-4.15	-3.30	-3.25	-1.82
23	X2HCE	Hexachloroethane	6.30	5	-3.14	0.81	5	-4.50	-3.20	-2.90	-2.50
23	X2HCE	Hexachloroethane	6.50	3	-1.17	0.75	3	0.00	-1.90	-1.20	-0.40
23	X2HCE	Hexachloroethane	7.50	17	-1.82	0.39	21	-2.30	-1.80	-1.50	0.10
23	X2HCE	Hexachloroethane	8.00	1	-6.30	0.00	1	0.00	0.00	0.00	-6.30
23	X2HCE	Hexachloroethane	9.40	4	-2.01	0.08	5	-2.10	-2.03	-2.00	-1.80
23	X2HCE	Hexachloroethane	10.00	58	-0.10	2.53	75	-2.00	0.00	3.00	64.00
23	X2HCE	Hexachloroethane	11.70	6	-3.07	1.93	6	-6.00	-3.70	-2.30	-0.60
23	X2HCE	Hexachloroethane	12.50	2	-4.20	0.71	2	0.00	-4.70	0.00	-3.70
23	X2HCE	Hexachloroethane	15.00	1	1.60	0.00	1	0.00	0.00	0.00	1.60
23	X2HCE	Hexachloroethane	20.00	2	-7.50	5.80	2	0.00	-11.60	0.00	-3.40
23	X2HCE	Hexachloroethane	20.20	5	-13.44	0.96	5	-14.80	-13.70	-13.50	-12.20
23	X2HCE	Hexachloroethane	21.60	2	-14.15	9.12	2	0.00	-20.60	0.00	-7.70

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2HCE	Hexachloroethane	92.50	1	59.20	0.00	1	0.00	0.00	0.00	59.20
23	X2HCE	Hexachloroethane	100.00	1	-38.00	0.00	1	0.00	0.00	0.00	-38.00
23	X2HCE	Hexachloroethane	200.00	8	-29.49	40.68	8	-75.20	-31.80	-12.00	38.00
23	X2HCE	Hexachloroethane	220.00	1	-219.78	0.00	1	0.00	0.00	0.00	-219.78
23	X2HCE	Hexachloroethane	268.00	1	-186.40	0.00	1	0.00	0.00	0.00	-186.40
23	X2HCE	Hexachloroethane	315.80	1	-140.80	0.00	1	0.00	0.00	0.00	-140.80
23	X2HCE	Hexachloroethane	400.00	4	-296.95	44.26	4	-362.80	-279.00	-279.00	-267.00
23	X2HCE	Hexachloroethane	1,665.00	2	-200.00	233.35	2	0.00	-365.00	0.00	-35.00
23	X2HCE	Hexachloroethane	2,000.00	2	-925.00	205.06	2	0.00	-1070.00	0.00	-780.00
23	X2HCE	Hexachloroethane	2,010.00	1	-217.00	0.00	1	0.00	0.00	0.00	-217.00
23	X2HCE	Hexachloroethane	3,850.00	3	-863.33	106.93	4	-980.00	-840.00	-770.00	-410.00
23	X2HCE	Hexachloroethane	4,000.00	2	-676.50	316.08	2	0.00	-900.00	0.00	-453.00
23	X2HCE	Hexachloroethane	8,000.00	1	20.00	0.00	1	0.00	0.00	0.00	20.00
23	X2OCST	Octachlorostyrene	0.01	3	3.66	6.35	3	0.00	-0.01	0.00	10.99
23	X2OCST	Octachlorostyrene	1.00	10	-0.35	0.21	10	-0.65	-0.37	-0.30	0.10
23	X2OCST	Octachlorostyrene	2.00	1	11.00	0.00	1	0.00	0.00	0.00	11.00
23	X2OCST	Octachlorostyrene	2.50	15	-0.51	0.15	19	-0.59	-0.47	-0.35	1897.50
23	X2OCST	Octachlorostyrene	4.00	4	-0.48	0.15	4	-0.60	-0.60	-0.40	-0.30
23	X2OCST	Octachlorostyrene	4.40	3	-0.43	0.76	3	0.00	-1.30	-0.10	0.10
23	X2OCST	Octachlorostyrene	4.60	1	0.40	0.00	1	0.00	0.00	0.00	0.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2OCST	Octachlorostyrene	4.80	5	-2.24	0.68	6	-2.80	-2.70	-1.60	0.20
23	X2OCST	Octachlorostyrene	5.00	1	0.20	0.00	1	0.00	0.00	0.00	0.20
23	X2OCST	Octachlorostyrene	6.20	45	-0.70	0.97	50	-1.90	-0.60	-0.20	0.60
23	X2OCST	Octachlorostyrene	6.25	22	-2.08	1.05	22	-3.15	-2.25	-1.25	-0.25
23	X2OCST	Octachlorostyrene	6.30	6	-1.67	1.73	6	-4.50	-1.60	-1.40	0.70
23	X2OCST	Octachlorostyrene	7.50	20	-1.65	0.73	21	-2.20	-1.60	-1.10	1.03
23	X2OCST	Octachlorostyrene	8.00	1	-5.40	0.00	1	0.00	0.00	0.00	-5.40
23	X2OCST	Octachlorostyrene	9.40	5	-0.78	0.57	5	-1.60	-1.10	-0.60	-0.28
23	X2OCST	Octachlorostyrene	10.00	73	1.43	4.34	75	-2.10	1.00	5.00	17.00
23	X2OCST	Octachlorostyrene	12.50	7	-4.40	3.03	7	-9.50	-5.30	-2.30	-1.20
23	X2OCST	Octachlorostyrene	18.40	2	-7.85	2.76	2	0.00	-9.80	0.00	-5.90
23	X2OCST	Octachlorostyrene	20.00	7	-13.74	2.76	7	-18.00	-14.40	-13.00	-9.20
23	X2OCST	Octachlorostyrene	28.80	1	-2.40	0.00	1	0.00	0.00	0.00	-2.40
23	X2OCST	Octachlorostyrene	29.40	1	4.80	0.00	1	0.00	0.00	0.00	4.80
23	X2OCST	Octachlorostyrene	30.00	1	-17.70	0.00	1	0.00	0.00	0.00	-17.70
23	X2OCST	Octachlorostyrene	120.00	1	-119.88	0.00	1	0.00	0.00	0.00	-119.88
23	X2OCST	Octachlorostyrene	214.00	3	-9.13	5.10	4	-14.20	-9.20	-4.00	33.00
23	X2OCST	Octachlorostyrene	2,000.00	1	-188.70	0.00	1	0.00	0.00	0.00	-188.70
23	X2OCST	Octachlorostyrene	3,850.00	3	1760.00	3,888.48	3	0.00	-500.00	-470.00	6250.00
23	X2OCST	Octachlorostyrene	4,000.00	2	-345.50	64.35	2	0.00	-391.00	0.00	-300.00

Results expressed as the ratio: (result-expected)/RMDL

**Summary Statistics For The Travelling Spiked Blank Data
From The Combined MISA Databases**

			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2OCST	Octachlorostyrene	7,850.00	1	-610.00	0.00	1	0.00	0.00	0.00	-610.00
23	X2OCST	Octachlorostyrene	8,000.00	1	-2540.00	0.00	1	0.00	0.00	0.00	-2540.00
23	X2PNCB	Pentachlorobenzene	0.01	2	0.00	0.00	2	0.00	0.00	0.00	0.00
23	X2PNCB	Pentachlorobenzene	0.05	1	37.95	0.00	1	0.00	0.00	0.00	37.95
23	X2PNCB	Pentachlorobenzene	2.50	12	-0.65	0.31	15	-0.80	-0.60	-0.25	0.50
23	X2PNCB	Pentachlorobenzene	3.20	1	1.80	0.00	1	0.00	0.00	0.00	1.80
23	X2PNCB	Pentachlorobenzene	3.25	1	-0.12	0.00	1	0.00	0.00	0.00	-0.12
23	X2PNCB	Pentachlorobenzene	3.30	3	1297.27	2,251.18	3	0.00	-3.00	-1.90	3896.70
23	X2PNCB	Pentachlorobenzene	4.00	4	-0.20	0.28	4	-0.60	-0.20	0.00	0.00
23	X2PNCB	Pentachlorobenzene	4.40	3	0.00	0.36	3	0.00	-0.30	-0.10	0.40
23	X2PNCB	Pentachlorobenzene	5.00	9	-2.47	0.90	9	-3.40	-2.90	-2.00	-0.80
23	X2PNCB	Pentachlorobenzene	6.20	31	-0.96	0.42	34	-1.60	-1.00	-0.80	0.00
23	X2PNCB	Pentachlorobenzene	7.50	18	-1.29	0.60	21	-1.70	-1.20	-0.60	1.60
23	X2PNCB	Pentachlorobenzene	8.00	1	-4.80	0.00	1	0.00	0.00	0.00	-4.80
23	X2PNCB	Pentachlorobenzene	9.40	5	-0.10	0.20	5	-0.40	-0.20	0.00	0.10
23	X2PNCB	Pentachlorobenzene	10.00	8	-0.60	5.33	8	-5.60	-0.70	0.60	7.70
23	X2PNCB	Pentachlorobenzene	10.80	1	0.50	0.00	1	0.00	0.00	0.00	0.50
23	X2PNCB	Pentachlorobenzene	11.30	6	-5.07	1.58	6	-7.10	-4.90	-4.80	-3.00
23	X2PNCB	Pentachlorobenzene	11.60	1	0.00	0.00	1	0.00	0.00	0.00	0.00
23	X2PNCB	Pentachlorobenzene	12.50	45	-4.35	2.12	45	-6.40	-4.60	-2.50	-0.63

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2PNCB	Pentachlorobenzene	13.90	1	0.10	0.00	1	0.00	0.00	0.00	0.10
23	X2PNCB	Pentachlorobenzene	16.20	4	-2.90	3.23	5	-7.60	-2.30	-1.30	25.80
23	X2PNCB	Pentachlorobenzene	20.00	2	-7.10	0.71	2	0.00	-7.60	0.00	-6.60
23	X2PNCB	Pentachlorobenzene	20.40	5	-12.96	1.74	5	-15.80	-13.00	-12.90	-11.40
23	X2PNCB	Pentachlorobenzene	21.00	2	-5.75	3.04	2	0.00	-7.90	0.00	-3.60
23	X2PNCB	Pentachlorobenzene	27.60	1	-6.00	0.00	1	0.00	0.00	0.00	-6.00
23	X2PNCB	Pentachlorobenzene	28.80	1	-13.00	0.00	1	0.00	0.00	0.00	-13.00
23	X2PNCB	Pentachlorobenzene	40.00	2	-3.30	0.57	2	0.00	-3.70	0.00	-2.90
23	X2PNCB	Pentachlorobenzene	44.20	1	-10.40	0.00	1	0.00	0.00	0.00	-10.40
23	X2PNCB	Pentachlorobenzene	50.00	59	-3.31	5.57	68	-9.00	-4.00	0.00	12.00
23	X2PNCB	Pentachlorobenzene	100.00	1	12.00	0.00	1	0.00	0.00	0.00	12.00
23	X2PNCB	Pentachlorobenzene	110.00	1	-109.89	0.00	1	0.00	0.00	0.00	-109.89
23	X2PNCB	Pentachlorobenzene	200.00	8	-4.20	80.13	8	-86.00	-15.40	28.00	122.00
23	X2PNCB	Pentachlorobenzene	400.00	4	-313.93	7.20	4	-323.80	-314.40	-310.20	-307.30
23	X2PNCB	Pentachlorobenzene	1,665.00	2	-295.00	480.83	2	0.00	-635.00	0.00	45.00
23	X2PNCB	Pentachlorobenzene	2,000.00	2	-975.00	176.78	2	0.00	-1100.00	0.00	-850.00
23	X2PNCB	Pentachlorobenzene	2,010.00	1	-310.30	0.00	1	0.00	0.00	0.00	-310.30
23	X2PNCB	Pentachlorobenzene	3,850.00	4	-575.00	231.16	4	-820.00	-700.00	-480.00	-300.00
23	X2PNCB	Pentachlorobenzene	4,000.00	2	-150.50	637.10	2	0.00	-601.00	0.00	300.00
23	X2PNCB	Pentachlorobenzene	8,000.00	1	1080.00	0.00	1	0.00	0.00	0.00	1080.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2T245	2,4,5-Trichlorotoluene	0.05	3	10.65	18.45	3	0.00	-0.01	0.00	31.95
23	X2T245	2,4,5-Trichlorotoluene	2.60	3	-1.18	0.34	4	-1.44	-1.30	-0.80	3397.40
23	X2T245	2,4,5-Trichlorotoluene	5.00	1	-1.40	0.00	1	0.00	0.00	0.00	-1.40
23	X2T245	2,4,5-Trichlorotoluene	7.50	17	-1.61	0.40	21	-2.10	-1.50	-1.30	1.80
23	X2T245	2,4,5-Trichlorotoluene	8.00	5	-0.88	1.16	5	-2.70	-1.00	-0.60	0.50
23	X2T245	2,4,5-Trichlorotoluene	9.40	3	-1.27	0.06	5	-1.32	-1.30	-1.20	-0.70
23	X2T245	2,4,5-Trichlorotoluene	10.00	10	-5.88	1.40	13	-6.80	-5.70	-4.20	0.50
23	X2T245	2,4,5-Trichlorotoluene	12.50	14	-2.59	1.32	17	-3.40	-2.50	-1.60	4.50
23	X2T245	2,4,5-Trichlorotoluene	12.60	1	-1.60	0.00	1	0.00	0.00	0.00	-1.60
23	X2T245	2,4,5-Trichlorotoluene	12.80	3	1.10	2.08	3	0.00	-0.10	-0.10	3.50
23	X2T245	2,4,5-Trichlorotoluene	13.00	5	-3.26	2.47	5	-7.00	-4.30	-2.20	-0.60
23	X2T245	2,4,5-Trichlorotoluene	19.00	1	-3.90	0.00	1	0.00	0.00	0.00	-3.90
23	X2T245	2,4,5-Trichlorotoluene	19.70	5	-8.86	3.68	6	-12.60	-9.20	-6.00	1.90
23	X2T245	2,4,5-Trichlorotoluene	20.00	6	3.18	10.17	6	-12.20	-0.20	4.30	15.40
23	X2T245	2,4,5-Trichlorotoluene	20.20	3	-12.57	0.55	5	-13.20	-12.30	-12.20	-9.80
23	X2T245	2,4,5-Trichlorotoluene	20.40	1	-2.50	0.00	1	0.00	0.00	0.00	-2.50
23	X2T245	2,4,5-Trichlorotoluene	20.60	2	-5.55	1.49	2	0.00	-6.60	0.00	-4.50
23	X2T245	2,4,5-Trichlorotoluene	27.80	1	-5.80	0.00	1	0.00	0.00	0.00	-5.80
23	X2T245	2,4,5-Trichlorotoluene	29.10	1	-14.30	0.00	1	0.00	0.00	0.00	-14.30
23	X2T245	2,4,5-Trichlorotoluene	29.40	1	-8.60	0.00	1	0.00	0.00	0.00	-8.60

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
23	X2T245	2,4,5-Trichlorotoluene	50.00	141	-9.58	11.42	145	-17.60	-9.00	-1.00	16.00
23	X2T245	2,4,5-Trichlorotoluene	100.00	2	-11.90	1.56	2	0.00	-13.00	0.00	-10.80
23	X2T245	2,4,5-Trichlorotoluene	140.00	1	-139.86	0.00	1	0.00	0.00	0.00	-139.86
23	X2T245	2,4,5-Trichlorotoluene	200.00	7	-113.19	22.86	8	-133.70	-124.40	-86.00	-16.00
23	X2T245	2,4,5-Trichlorotoluene	400.00	3	-314.00	17.42	4	-333.10	-309.90	-299.00	-222.00
23	X2T245	2,4,5-Trichlorotoluene	2,010.00	1	-249.90	0.00	1	0.00	0.00	0.00	-249.90
23	X2T245	2,4,5-Trichlorotoluene	3,850.00	4	-527.50	100.79	4	-650.00	-570.00	-450.00	-440.00
23	X2T245	2,4,5-Trichlorotoluene	4,000.00	2	-475.00	35.36	2	0.00	-500.00	0.00	-450.00
23	X2T245	2,4,5-Trichlorotoluene	8,000.00	1	760.00	0.00	1	0.00	0.00	0.00	760.00

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
24	P92378	2,3,7,8 TCDD	5.00	1	0.50	0.00	1	0.00	0.00	0.00	0.50
24	P92378	2,3,7,8 TCDD	6.25	1	-5.70	0.00	1	0.00	0.00	0.00	-5.70
24	P92378	2,3,7,8 TCDD	10.00	1	-0.50	0.00	1	0.00	0.00	0.00	-0.50
24	P92378	2,3,7,8 TCDD	25.00	2	-15.50	2.83	2	0.00	-17.50	0.00	-13.50
24	P92378	2,3,7,8 TCDD	62.50	4	-6.50	8.98	4	-18.50	-7.50	-2.50	2.50
24	P92378	2,3,7,8 TCDD	65.00	1	-28.00	0.00	1	0.00	0.00	0.00	-28.00
24	P94CDD	Total TCDD	5.00	1	0.50	0.00	1	0.00	0.00	0.00	0.50
24	P94CDD	Total TCDD	6.25	1	0.25	0.00	1	0.00	0.00	0.00	0.25
24	P94CDD	Total TCDD	10.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
24	P94CDD	Total TCDD	25.00	2	-15.50	2.83	2	0.00	-17.50	0.00	-13.50
24	P94CDD	Total TCDD	62.50	4	-6.50	8.98	4	-18.50	-7.50	-2.50	2.50
24	P94CDD	Total TCDD	65.00	1	-28.00	0.00	1	0.00	0.00	0.00	-28.00
24	P94CDD	Total TCDD	125.00	4	-124.13	0.14	4	-124.25	-124.25	-124.00	-124.00
24	P94CDD	Total TCDD	500.00	1	-365.00	0.00	1	0.00	0.00	0.00	-365.00
24	P94CDF	Total TCDF	6.67	1	0.67	0.00	1	0.00	0.00	0.00	0.67
24	P94CDF	Total TCDF	8.33	1	0.33	0.00	1	0.00	0.00	0.00	0.33
24	P94CDF	Total TCDF	13.33	1	-0.67	0.00	1	0.00	0.00	0.00	-0.67
24	P94CDF	Total TCDF	33.33	2	-20.67	1.89	2	0.00	-22.00	0.00	-19.33
24	P94CDF	Total TCDF	83.33	4	5.00	6.38	4	-3.33	3.33	10.00	10.00
24	P94CDF	Total TCDF	93.33	1	-13.33	0.00	1	0.00	0.00	0.00	-13.33

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
26	PRABI	Abietic Acid	1.00	4	6.10	7.09	4	0.00	0.00	11.20	13.20
26	PRABI	Abietic Acid	2.42	2	-0.84	0.62	2	0.00	-1.28	0.00	-0.40
26	PRABI	Abietic Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
26	PRABI	Abietic Acid	9.70	1	1.28	0.00	1	0.00	0.00	0.00	1.28
26	PRABI	Abietic Acid	10.00	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
26	PRABI	Abietic Acid	19.60	1	-10.60	0.00	1	0.00	0.00	0.00	-10.60
26	PRABI	Abietic Acid	20.20	4	-13.70	3.07	4	-16.60	-16.00	-11.80	-10.40
26	PRABI	Abietic Acid	25.80	1	4.00	0.00	1	0.00	0.00	0.00	4.00
26	PRABI	Abietic Acid	32.00	1	-28.00	0.00	1	0.00	0.00	0.00	-28.00
26	PRABI	Abietic Acid	96.00	1	-83.60	0.00	1	0.00	0.00	0.00	-83.60
26	PRABI	Abietic Acid	100.00	13	-6.15	9.81	17	-22.00	-8.00	-3.00	11060.00
26	PRABI	Abietic Acid	125.00	1	-119.20	0.00	1	0.00	0.00	0.00	-119.20
26	PRABI	Abietic Acid	150.00	1	-144.00	0.00	1	0.00	0.00	0.00	-144.00
26	PRABI	Abietic Acid	200.00	1	-64.00	0.00	1	0.00	0.00	0.00	-64.00
26	PRABI	Abietic Acid	2,000.00	1	28000.00	0.00	1	0.00	0.00	0.00	28000.00
26	PRABI	Abietic Acid	97,660.00	1	-60780.00	0.00	1	0.00	0.00	0.00	-60780.00
26	PRDCDA	Dichlorodehydroabietic Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
26	PRDCDA	Dichlorodehydroabietic Acid	8.00	1	-5.80	0.00	1	0.00	0.00	0.00	-5.80
26	PRDCDA	Dichlorodehydroabietic Acid	9.00	1	-2.00	0.00	1	0.00	0.00	0.00	-2.00
26	PRDCDA	Dichlorodehydroabietic Acid	16.80	1	-5.40	0.00	1	0.00	0.00	0.00	-5.40

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers Included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
26	PRDCDA	Dichlorodehydroabietic Acid	17.20	1	-0.40	0.00	1	0.00	0.00	0.00	-0.40
26	PRDCDA	Dichlorodehydroabietic Acid	20.00	3	-13.93	1.33	5	-15.40	-13.60	-12.80	6.20
26	PRDCDA	Dichlorodehydroabietic Acid	21.40	1	-7.20	0.00	1	0.00	0.00	0.00	-7.20
26	PRDCDA	Dichlorodehydroabietic Acid	21.60	2	-2.40	0.00	2	0.00	-2.40	0.00	-2.40
26	PRDCDA	Dichlorodehydroabietic Acid	21.80	3	-11.73	5.64	3	0.00	-18.20	-9.20	-7.80
26	PRDCDA	Dichlorodehydroabietic Acid	25.80	1	-13.60	0.00	1	0.00	0.00	0.00	-13.60
26	PRDCDA	Dichlorodehydroabietic Acid	100.00	19	-11.58	24.56	20	-34.00	-10.00	-1.00	35.00
26	PRDCDA	Dichlorodehydroabietic Acid	200.00	1	-36.00	0.00	1	0.00	0.00	0.00	-36.00
26	PRDEHA	Dehydroabietic Acid	2.28	2	0.05	0.24	2	0.00	-0.12	0.00	0.22
26	PRDEHA	Dehydroabietic Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
26	PRDEHA	Dehydroabietic Acid	8.00	2	-5.40	0.28	2	0.00	-5.60	0.00	-5.20
26	PRDEHA	Dehydroabietic Acid	9.12	1	0.72	0.00	1	0.00	0.00	0.00	0.72
26	PRDEHA	Dehydroabietic Acid	10.00	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
26	PRDEHA	Dehydroabietic Acid	19.80	15	0.88	4.28	16	-1.80	0.80	4.00	24.20
26	PRDEHA	Dehydroabietic Acid	20.00	7	-15.74	1.51	7	-17.60	-16.60	-14.40	-14.00
26	PRDEHA	Dehydroabietic Acid	20.80	1	-18.80	0.00	1	0.00	0.00	0.00	-18.80
26	PRDEHA	Dehydroabietic Acid	21.60	9	-2.73	4.23	12	-8.80	-2.60	-2.40	10.40
26	PRDEHA	Dehydroabietic Acid	40.00	3	-22.27	2.14	3	0.00	-23.60	-23.40	-19.80
26	PRDEHA	Dehydroabietic Acid	40.40	14	3.63	8.66	16	-4.60	3.60	11.20	77.60
26	PRDEHA	Dehydroabietic Acid	44.00	2	18.00	8.49	2	0.00	12.00	0.00	24.00

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
26	PRDEHA	Dehydroabiatic Acid	51.00	2	17.00	5.66	2	0.00	13.00	0.00	21.00
26	PRDEHA	Dehydroabiatic Acid	52.00	1	0.00	0.00	1	0.00	0.00	0.00	0.00
26	PRDEHA	Dehydroabiatic Acid	54.00	9	16.40	12.86	9	-1.40	18.00	24.00	28.00
26	PRDEHA	Dehydroabiatic Acid	64.00	17	9.35	15.99	17	-6.00	2.00	18.00	34.00
26	PRDEHA	Dehydroabiatic Acid	64.80	1	20.20	0.00	1	0.00	0.00	0.00	20.20
26	PRDEHA	Dehydroabiatic Acid	90.80	2	8.60	8.49	2	0.00	2.60	0.00	14.60
26	PRDEHA	Dehydroabiatic Acid	100.00	33	0.47	11.88	38	-8.00	-2.00	11.00	67300.00
26	PRDEHA	Dehydroabiatic Acid	124.00	1	20.20	0.00	1	0.00	0.00	0.00	20.20
26	PRDEHA	Dehydroabiatic Acid	125.00	1	-116.60	0.00	1	0.00	0.00	0.00	-116.60
26	PRDEHA	Dehydroabiatic Acid	131.20	1	-13.40	0.00	1	0.00	0.00	0.00	-13.40
26	PRDEHA	Dehydroabiatic Acid	150.00	1	-124.00	0.00	1	0.00	0.00	0.00	-124.00
26	PRDEHA	Dehydroabiatic Acid	200.00	4	-55.60	11.40	5	-71.00	-56.00	-51.40	92.00
26	PRDEHA	Dehydroabiatic Acid	250.00	1	-111.80	0.00	1	0.00	0.00	0.00	-111.80
26	PRDEHA	Dehydroabiatic Acid	2,000.00	1	108000.00	0.00	1	0.00	0.00	0.00	108000.00
26	PRDEHA	Dehydroabiatic Acid	40,400.00	1	-40375.20	0.00	1	0.00	0.00	0.00	-40375.20
26	PRDEHA	Dehydroabiatic Acid	90,000.00	1	-49400.00	0.00	1	0.00	0.00	0.00	-49400.00
26	PRDEHA	Dehydroabiatic Acid	104,260.00	1	-72460.00	0.00	1	0.00	0.00	0.00	-72460.00
26	PRISO	Isopimaric Acid	1.00	3	0.00	0.00	4	0.00	0.00	0.00	7.60
26	PRISO	Isopimaric Acid	2.46	2	-0.22	0.31	2	0.00	-0.44	0.00	0.00
26	PRISO	Isopimaric Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00

Results expressed as the ratio: (result-expected)/RMDL.

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
26	PRISO	Isopimaric Acid	10.00	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
26	PRISO	Isopimaric Acid	10.20	1	0.16	0.00	1	0.00	0.00	0.00	0.16
26	PRISO	Isopimaric Acid	19.60	1	-4.00	0.00	1	0.00	0.00	0.00	-4.00
26	PRISO	Isopimaric Acid	20.40	4	-8.55	5.22	4	-13.00	-13.00	-5.20	-3.00
26	PRISO	Isopimaric Acid	32.00	1	-16.20	0.00	1	0.00	0.00	0.00	-16.20
26	PRISO	Isopimaric Acid	100.00	14	-3.93	16.32	17	-26.00	-5.00	-2.00	32100.00
26	PRISO	Isopimaric Acid	120.60	1	-8.60	0.00	1	0.00	0.00	0.00	-8.60
26	PRISO	Isopimaric Acid	125.00	1	-112.20	0.00	1	0.00	0.00	0.00	-112.20
26	PRISO	Isopimaric Acid	150.00	1	-116.00	0.00	1	0.00	0.00	0.00	-116.00
26	PRISO	Isopimaric Acid	166.00	1	-135.40	0.00	1	0.00	0.00	0.00	-135.40
26	PRISO	Isopimaric Acid	200.00	1	-67.00	0.00	1	0.00	0.00	0.00	-67.00
26	PRISO	Isopimaric Acid	2,000.00	1	116000.00	0.00	1	0.00	0.00	0.00	116000.00
26	PRISO	Isopimaric Acid	97,620.00	1	-79560.00	0.00	1	0.00	0.00	0.00	-79560.00
26	PRLEV	Levopimaric Acid	1.00	4	0.00	0.00	4	0.00	0.00	0.00	0.00
26	PRLEV	Levopimaric Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
26	PRLEV	Levopimaric Acid	5.06	2	-3.37	0.44	2	0.00	-3.68	0.00	-3.06
26	PRLEV	Levopimaric Acid	10.00	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
26	PRLEV	Levopimaric Acid	18.20	1	-11.60	0.00	1	0.00	0.00	0.00	-11.60
26	PRLEV	Levopimaric Acid	20.20	1	-17.52	0.00	1	0.00	0.00	0.00	-17.52
26	PRLEV	Levopimaric Acid	20.80	3	-18.67	1.47	4	-19.80	-19.20	-17.00	-14.40

Results expressed as the ratio: (result-expected)/RMDL

Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
							Quartiles				
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
26	PRLEV	Levopimaric Acid	32.00	1	-19.80	0.00	1	0.00	0.00	0.00	-19.80
26	PRLEV	Levopimaric Acid	100.00	2	21301.10	30,262.62	2	0.00	-97.80	0.00	42700.00
26	PRLEV	Levopimaric Acid	115.00	1	-17.00	0.00	1	0.00	0.00	0.00	-17.00
26	PRLEV	Levopimaric Acid	125.00	1	-124.00	0.00	1	0.00	0.00	0.00	-124.00
26	PRLEV	Levopimaric Acid	134.00	1	-133.40	0.00	1	0.00	0.00	0.00	-133.40
26	PRLEV	Levopimaric Acid	150.00	1	-149.00	0.00	1	0.00	0.00	0.00	-149.00
26	PRLEV	Levopimaric Acid	200.00	15	-34.28	36.02	16	-82.00	-34.00	-12.00	38.00
26	PRLEV	Levopimaric Acid	2,000.00	1	130000.00	0.00	1	0.00	0.00	0.00	130000.00
26	PRLEV	Levopimaric Acid	90,980.00	1	-88860.00	0.00	1	0.00	0.00	0.00	-88860.00
26	PRNEO	Neoabietic Acid	1.00	4	0.00	0.00	4	0.00	0.00	0.00	0.00
26	PRNEO	Neoabietic Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
26	PRNEO	Neoabietic Acid	5.10	2	-3.97	1.23	2	0.00	-4.84	0.00	-3.10
26	PRNEO	Neoabietic Acid	10.00	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
26	PRNEO	Neoabietic Acid	20.00	4	-17.20	1.75	4	-18.80	-18.60	-16.00	-15.40
26	PRNEO	Neoabietic Acid	20.40	1	6.40	0.00	1	0.00	0.00	0.00	6.40
26	PRNEO	Neoabietic Acid	22.00	1	-15.80	0.00	1	0.00	0.00	0.00	-15.80
26	PRNEO	Neoabietic Acid	49.40	1	-46.40	0.00	1	0.00	0.00	0.00	-46.40
26	PRNEO	Neoabietic Acid	100.00	14	-18.43	13.77	17	-38.00	-21.00	-10.00	19000.00
26	PRNEO	Neoabietic Acid	125.00	1	-122.00	0.00	1	0.00	0.00	0.00	-122.00
26	PRNEO	Neoabietic Acid	150.00	1	-148.20	0.00	1	0.00	0.00	0.00	-148.20

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Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
26	PRNEO	Neobietic Acid	184.00	1	-183.60	0.00	1	0.00	0.00	0.00	-183.60
26	PRNEO	Neobietic Acid	200.00	1	-75.60	0.00	1	0.00	0.00	0.00	-75.60
26	PRNEO	Neobietic Acid	2,000.00	1	58000.00	0.00	1	0.00	0.00	0.00	58000.00
26	PRNEO	Neobietic Acid	100,360.00	1	-67140.00	0.00	1	0.00	0.00	0.00	-67140.00
26	PRPIM	Pimaric Acid	1.00	4	0.00	0.00	4	0.00	0.00	0.00	0.00
26	PRPIM	Pimaric Acid	2.56	2	-0.82	0.48	2	0.00	-1.16	0.00	-0.48
26	PRPIM	Pimaric Acid	4.00	1	-3.00	0.00	1	0.00	0.00	0.00	-3.00
26	PRPIM	Pimaric Acid	10.00	1	-9.00	0.00	1	0.00	0.00	0.00	-9.00
26	PRPIM	Pimaric Acid	10.20	1	0.16	0.00	1	0.00	0.00	0.00	0.16
26	PRPIM	Pimaric Acid	18.80	1	-6.40	0.00	1	0.00	0.00	0.00	-6.40
26	PRPIM	Pimaric Acid	22.60	3	-16.67	2.04	4	-19.00	-15.80	-15.20	-8.40
26	PRPIM	Pimaric Acid	32.00	1	-23.00	0.00	1	0.00	0.00	0.00	-23.00
26	PRPIM	Pimaric Acid	96.00	1	-79.20	0.00	1	0.00	0.00	0.00	-79.20
26	PRPIM	Pimaric Acid	97.60	1	-5.60	0.00	1	0.00	0.00	0.00	-5.60
26	PRPIM	Pimaric Acid	100.00	12	-5.50	6.60	17	-16.00	-6.00	-2.00	27300.00
26	PRPIM	Pimaric Acid	125.00	1	-117.60	0.00	1	0.00	0.00	0.00	-117.60
26	PRPIM	Pimaric Acid	150.00	1	-124.00	0.00	1	0.00	0.00	0.00	-124.00
26	PRPIM	Pimaric Acid	200.00	1	-73.00	0.00	1	0.00	0.00	0.00	-73.00
26	PRPIM	Pimaric Acid	2,000.00	1	92000.00	0.00	1	0.00	0.00	0.00	92000.00
26	PRPIM	Pimaric Acid	93,980.00	1	-60240.00	0.00	1	0.00	0.00	0.00	-60240.00

Results expressed as the ratio: (result-expected)/RMDL

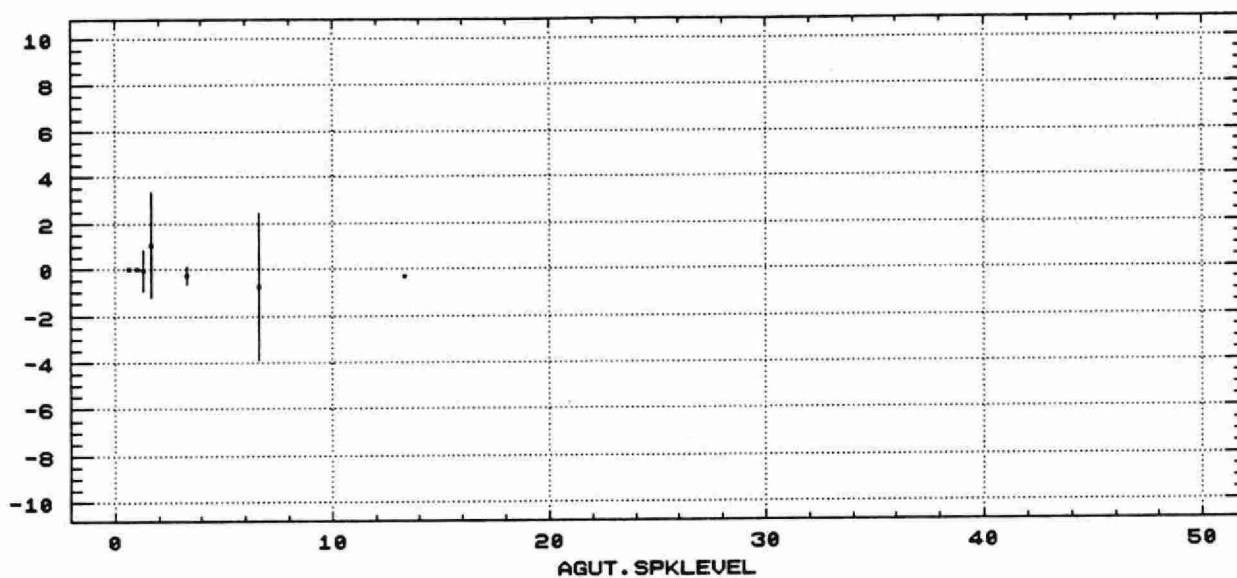
Summary Statistics For The Travelling Spiked Blank Data From The Combined MISA Databases											
			Outliers excluded				Outliers included				
								Quartiles			
ATG	TEST CODE	PARAMETER	EXPECTED	N	AVG	STD_DEV	N_ALL	1ST	2ND	3RD	4TH
27	PIPCBT	PCBT	1.00	1	4.00	0.00	1	0.00	0.00	0.00	4.00
27	PIPCBT	PCBT	1.10	2	-0.05	0.07	2	0.00	-0.10	0.00	0.00
27	PIPCBT	PCBT	1.50	2	0.65	0.64	2	0.00	0.20	0.00	1.10
27	PIPCBT	PCBT	2.50	22	-0.46	0.20	27	-0.60	-0.50	-0.28	1.30
27	PIPCBT	PCBT	3.00	2	-0.90	1.13	2	0.00	-1.70	0.00	-0.10
27	PIPCBT	PCBT	3.75	22	3.01	0.79	23	2.25	2.85	3.65	4.25
27	PIPCBT	PCBT	5.00	8	-1.68	1.08	8	-3.00	-1.60	-0.80	-0.45
27	PIPCBT	PCBT	7.12	1	-6.70	0.00	1	0.00	0.00	0.00	-6.70
27	PIPCBT	PCBT	10.00	1	9190.00	0.00	1	0.00	0.00	0.00	9190.00
27	PIPCBT	PCBT	12.00	1	-3.20	0.00	1	0.00	0.00	0.00	-3.20
27	PIPCBT	PCBT	12.40	1	0.20	0.00	1	0.00	0.00	0.00	0.20
27	PIPCBT	PCBT	12.48	2	-5.83	1.49	2	0.00	-6.88	0.00	-4.78
27	PIPCBT	PCBT	25.00	26	-3.05	1.30	34	-4.20	-3.50	-1.80	2.20
27	PIPCBT	PCBT	50.00	2	3.00	0.00	2	0.00	3.00	0.00	3.00
27	PIPCBT	PCBT	60.00	58	-5.68	9.97	65	-15.00	-5.00	2.00	80.00
27	PIPCBT	PCBT	90.00	12	-14.90	14.92	12	-26.80	-10.60	-4.20	4.60
27	PIPCBT	PCBT	100.00	1	-99.00	0.00	1	0.00	0.00	0.00	-99.00

Results expressed as the ratio: (result-expected)/RMDL

APPENDIX 3

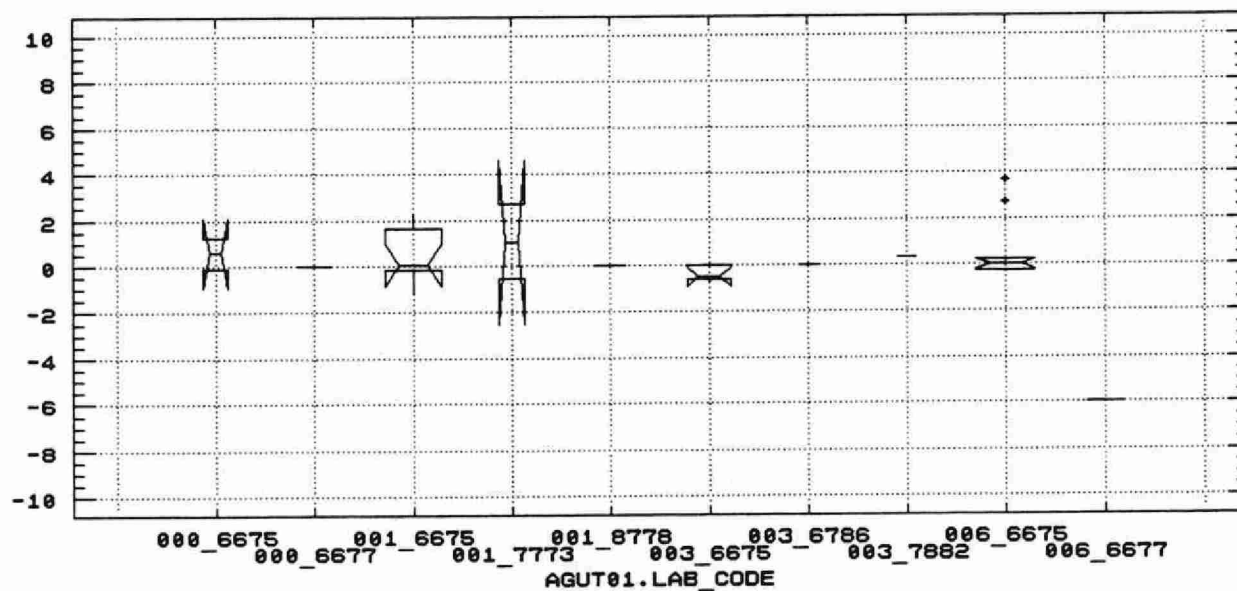
TRAVELLING SPIKED BLANKS

AGUT.AVG



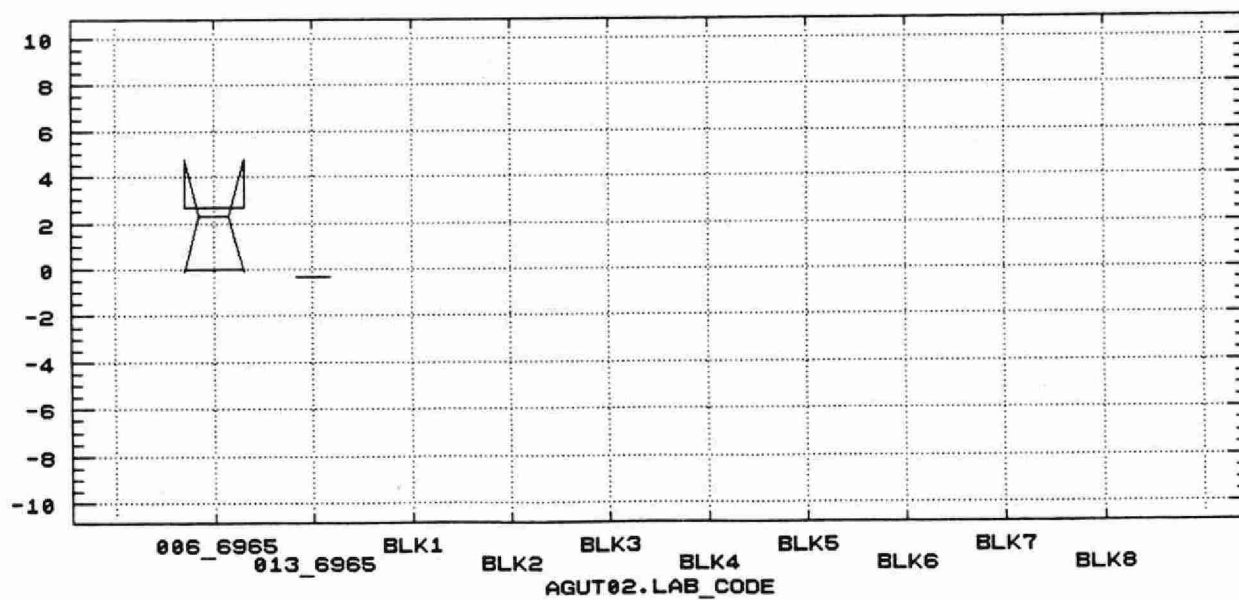
TRAVELLING SPIKED BLANKS

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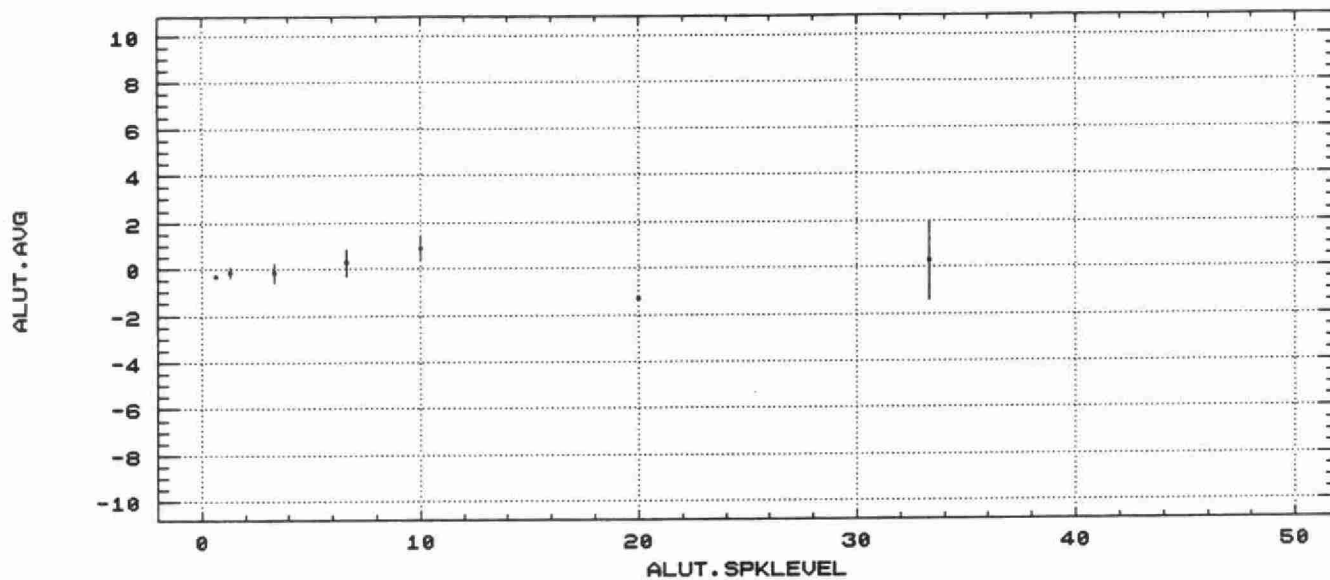


TRAVELLING SPIKED BLANKS

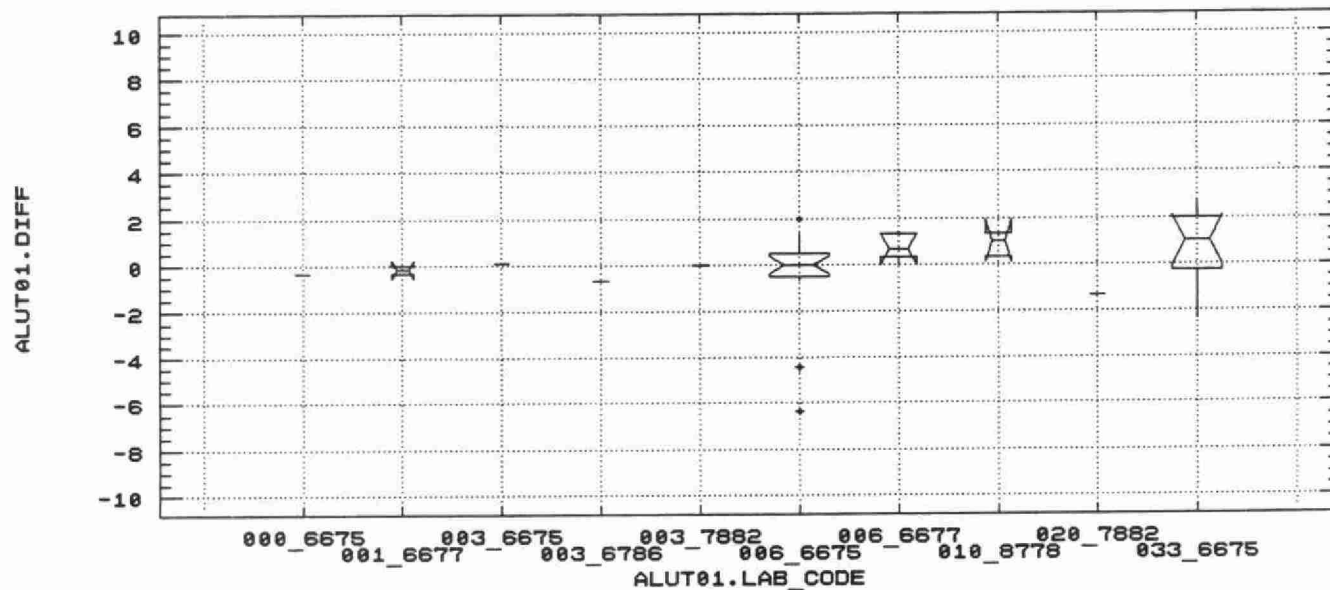
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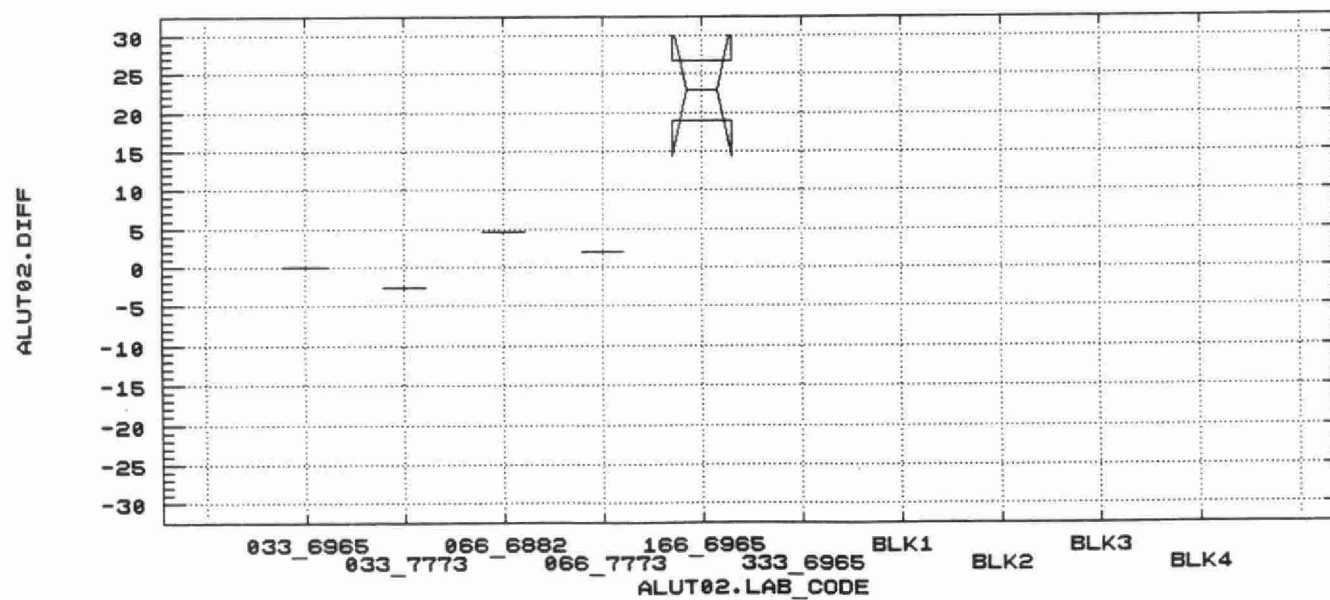
TRAVELLING SPIKED BLANKS



TRAVELLING SPIKED BLANKS

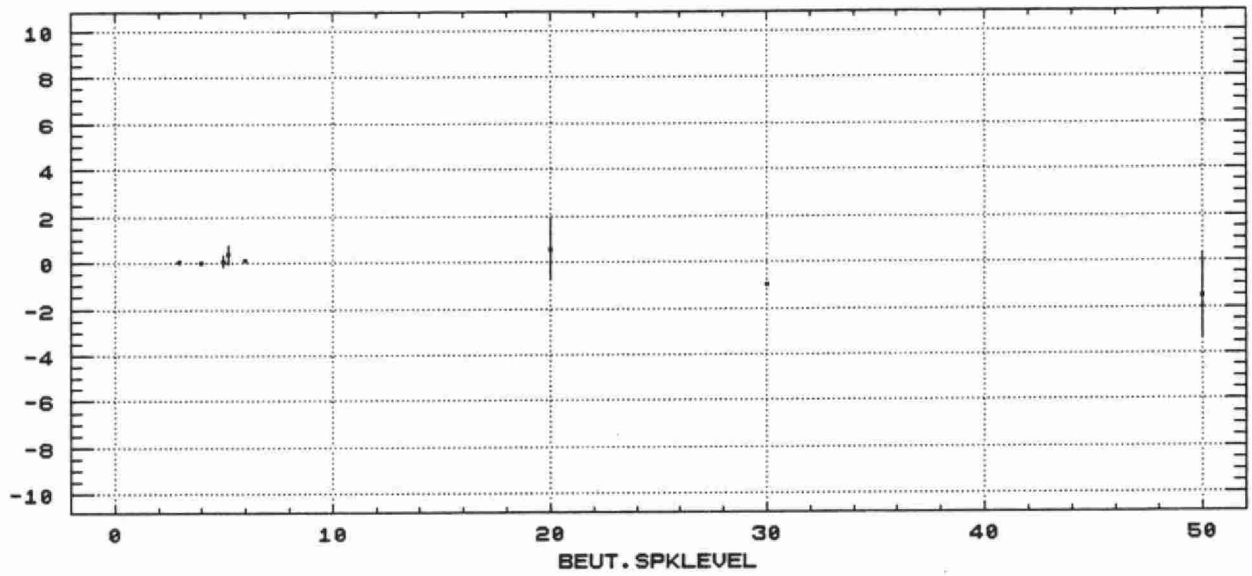


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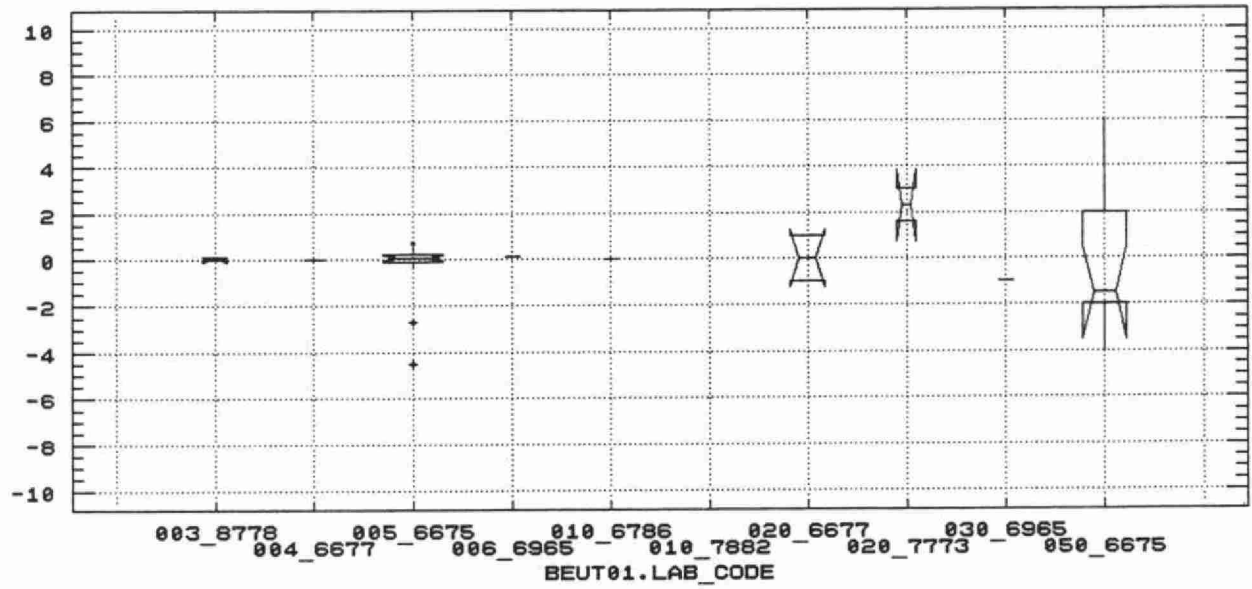
TRAVELLING SPIKED BLANKS

BEUT.AVG

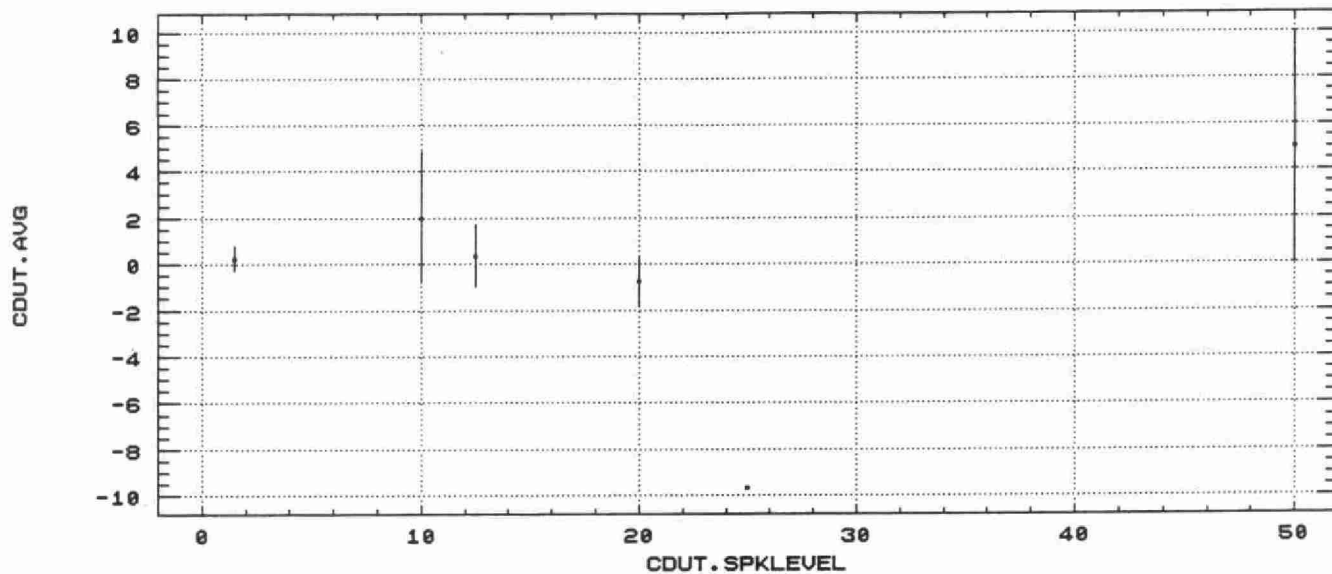


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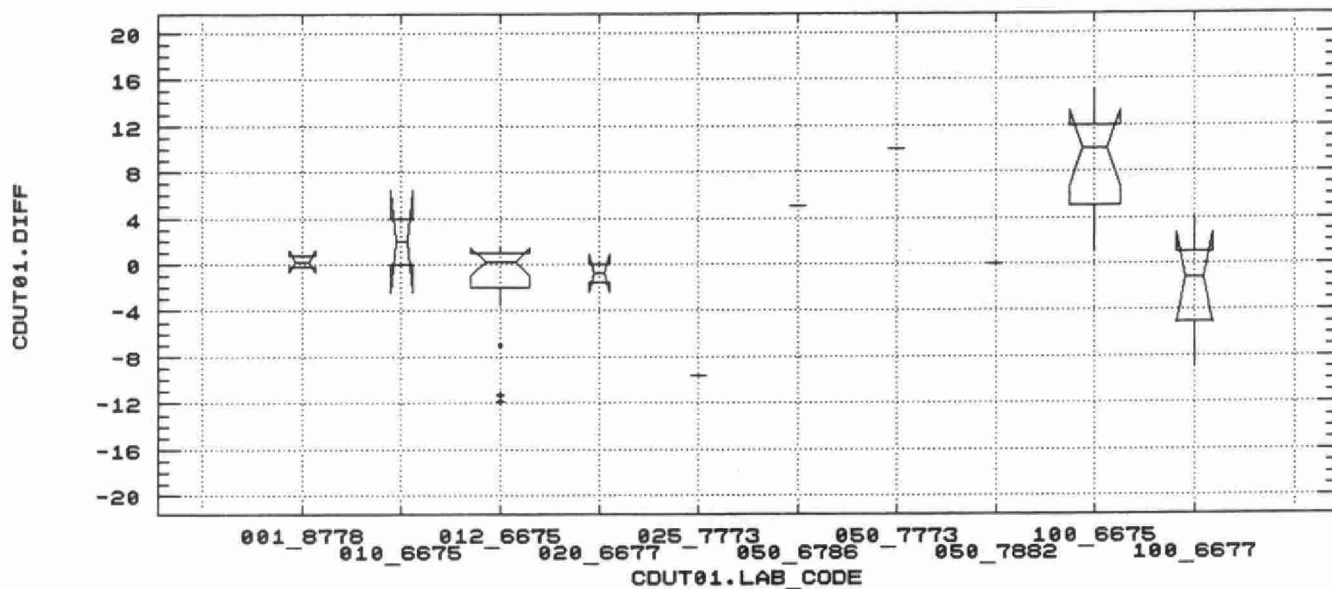
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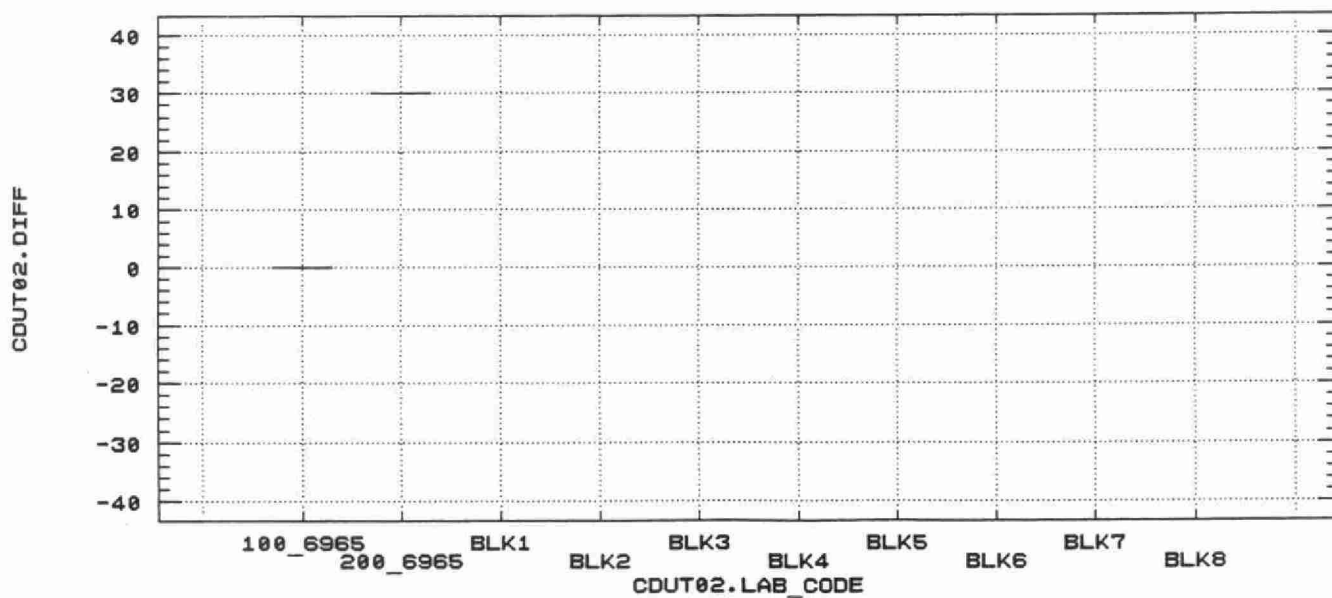
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TRAVELLING SPIKED BLANKS

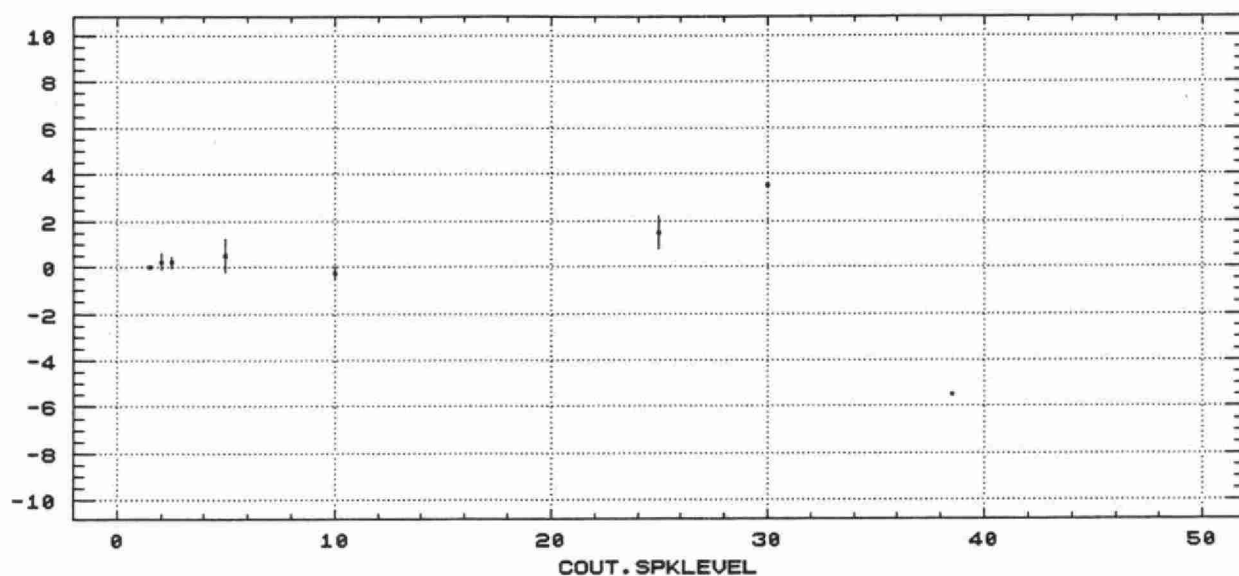


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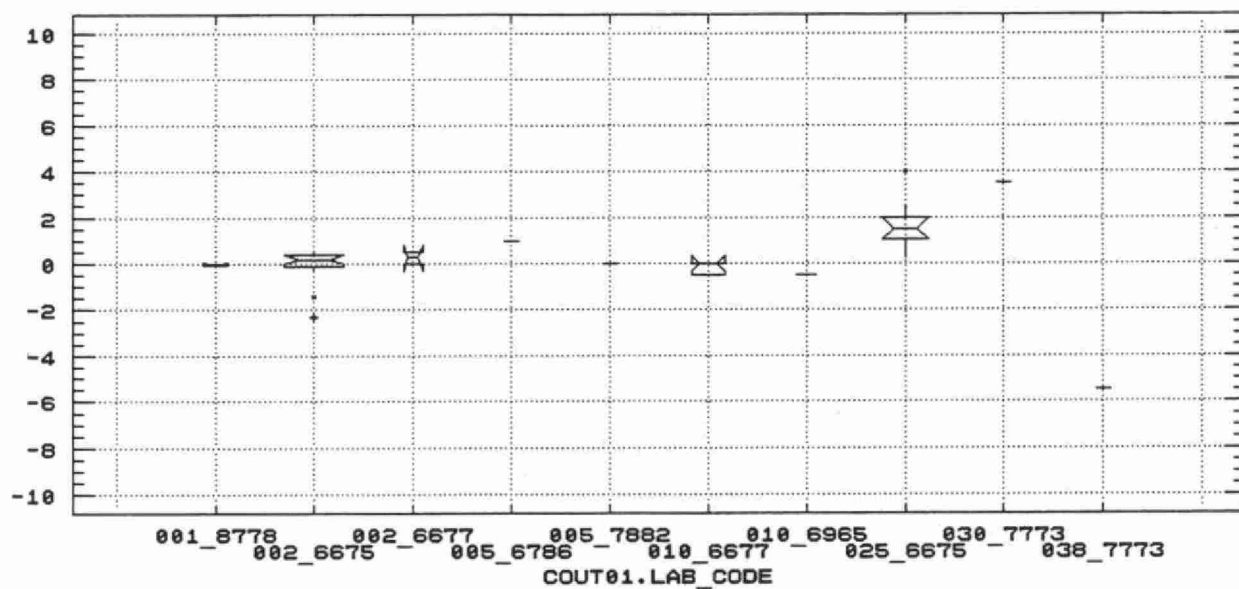
TRAVELLING SPIKED BLANKS

COUT.AVG



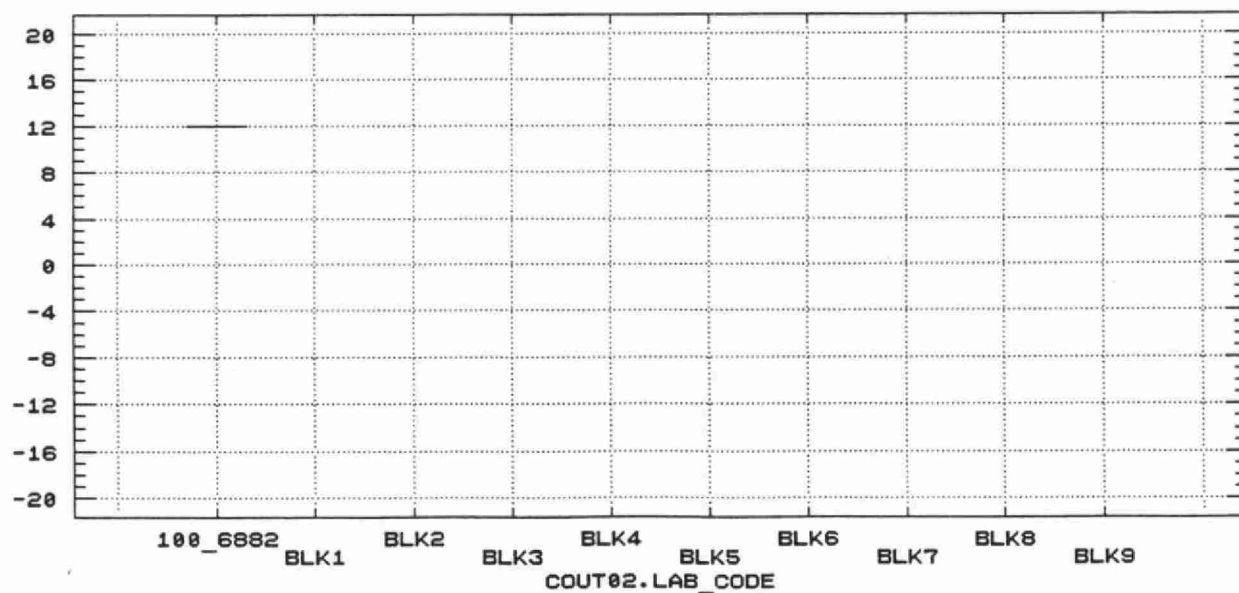
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COUT01.DIFF



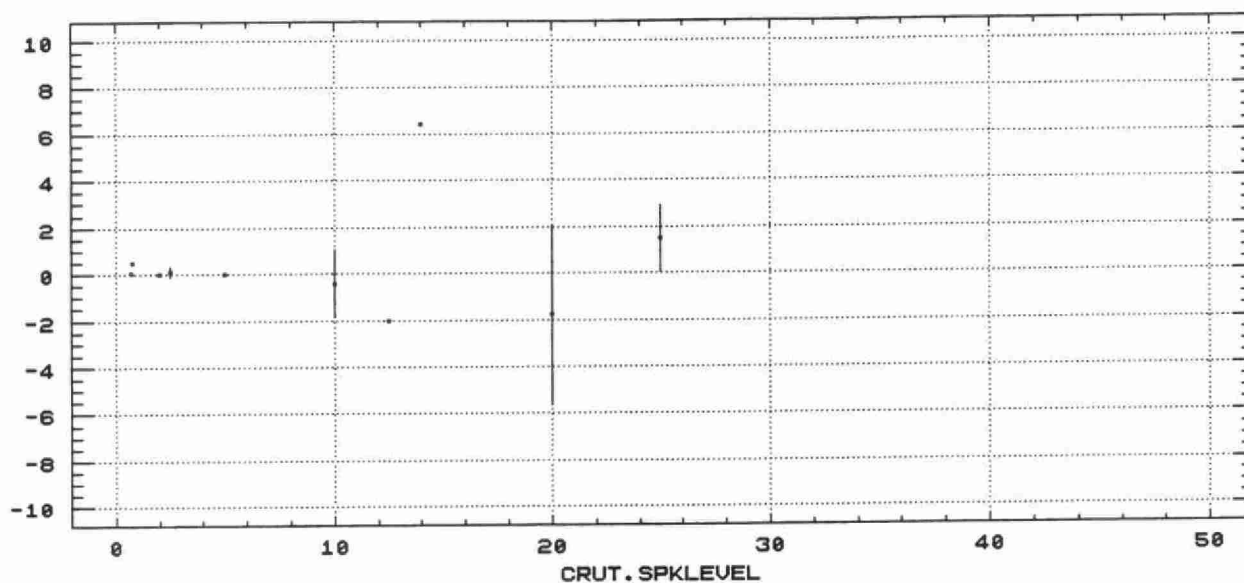
TRAVELLING SPIKED BLANKS

COUT02.DIFF



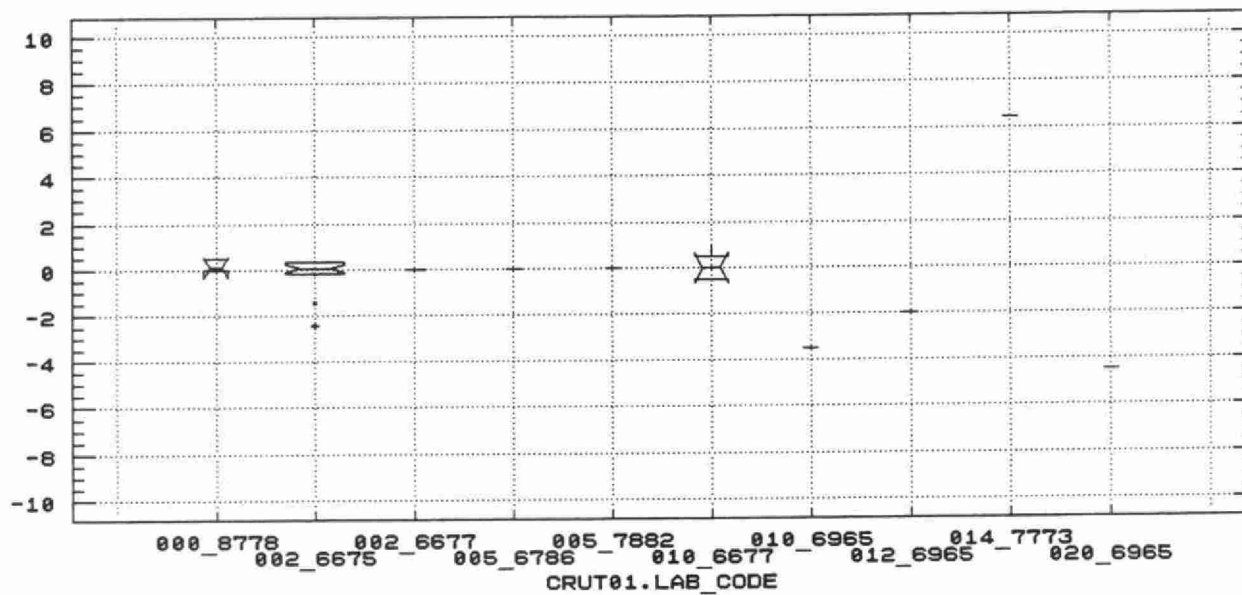
TRAVELLING SPIKED BLANKS

CRUT.AUG



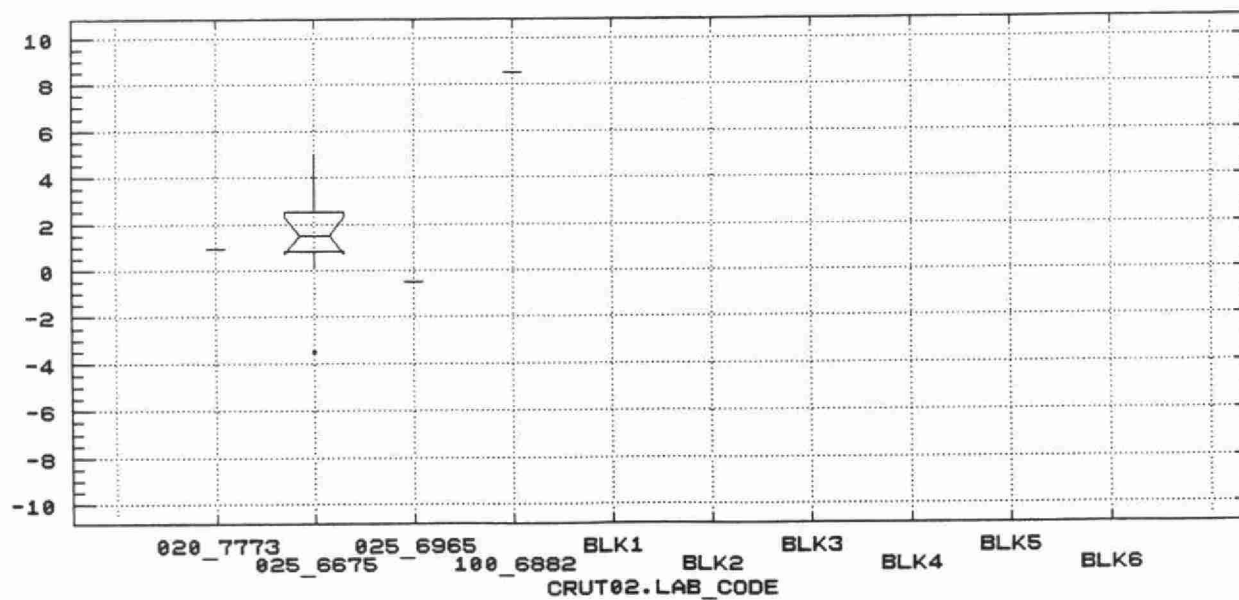
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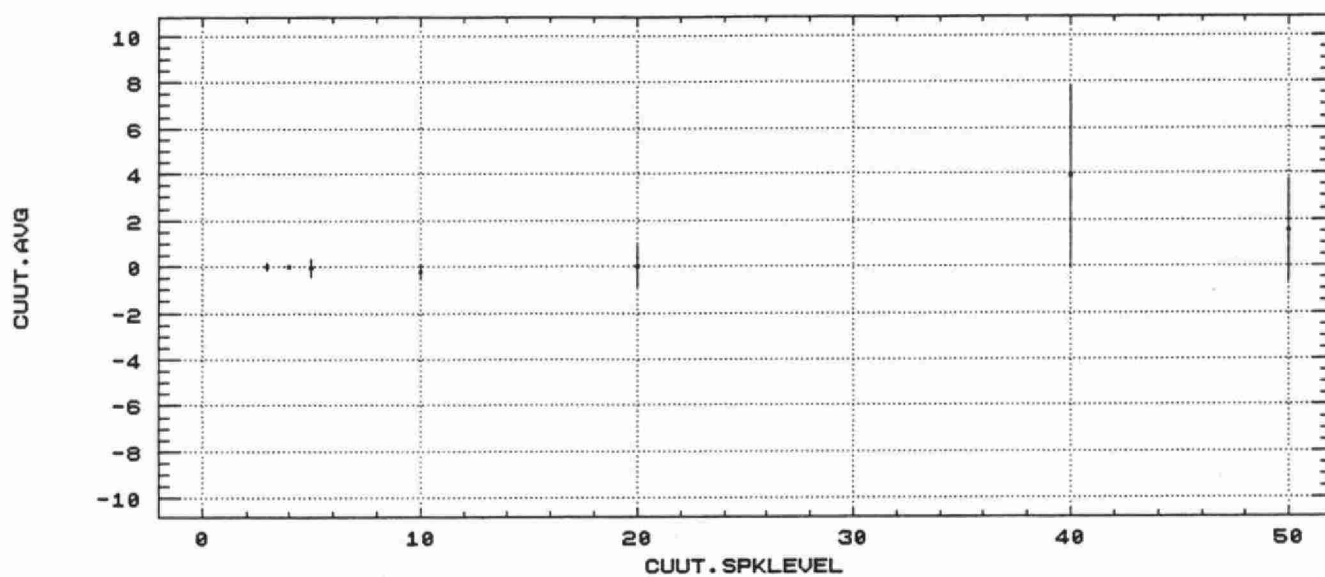


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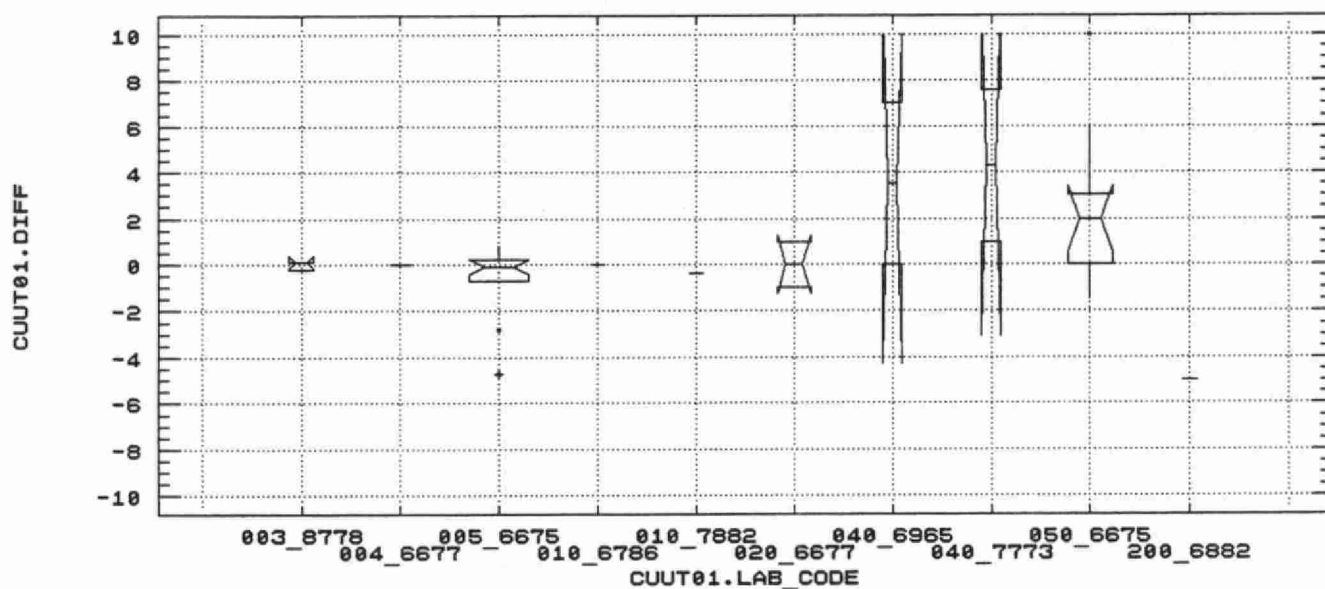
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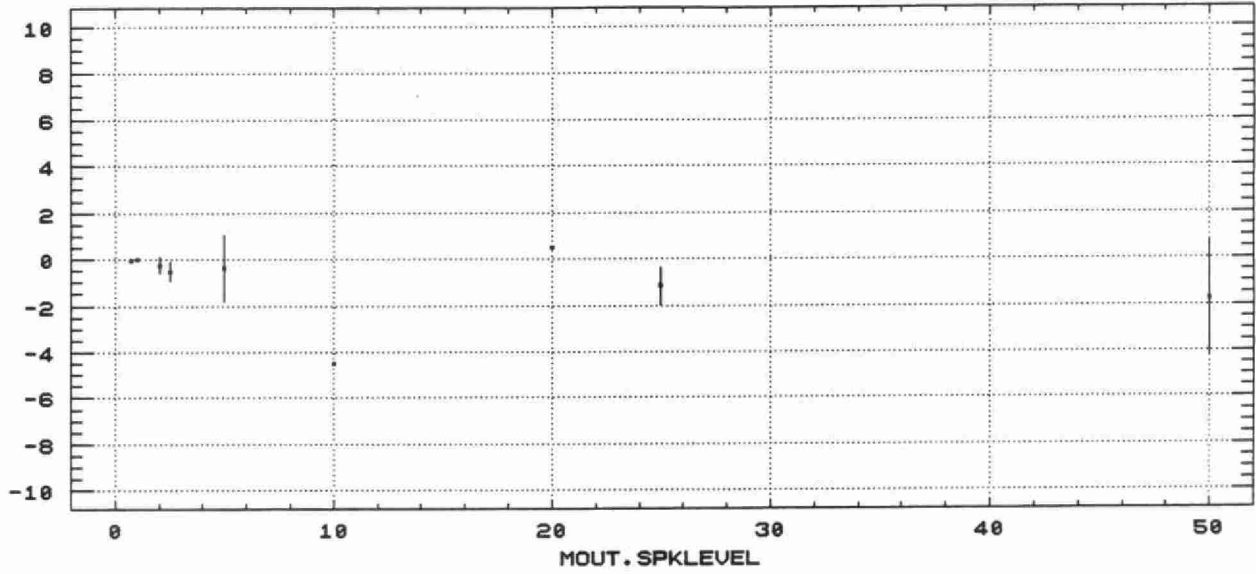


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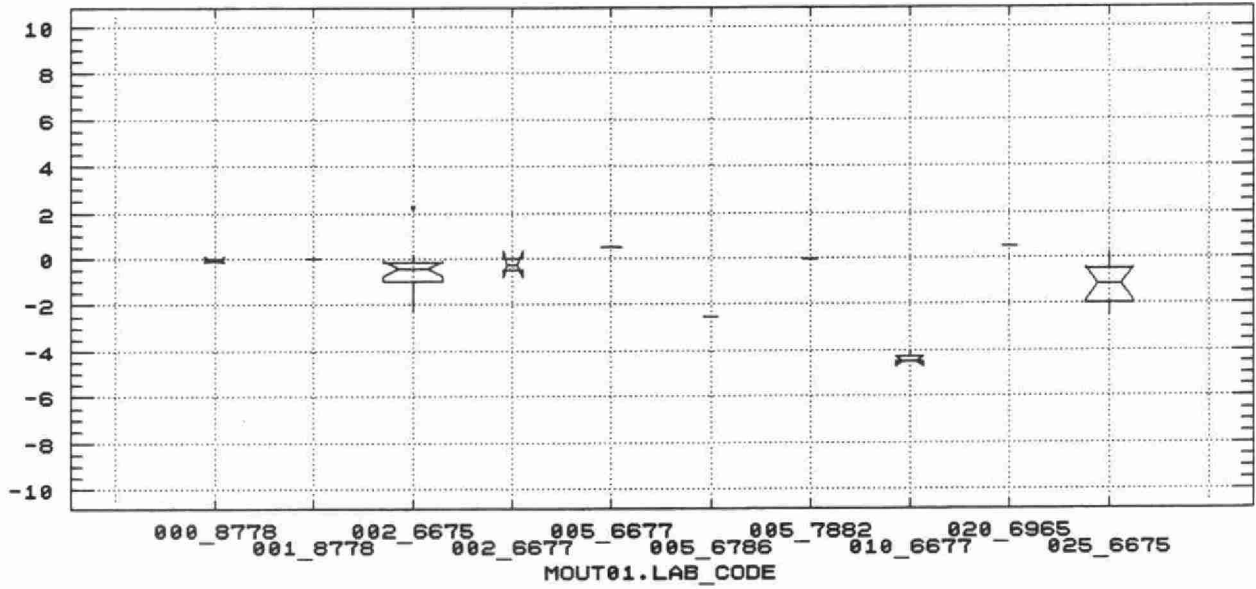
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MOUT.AVG



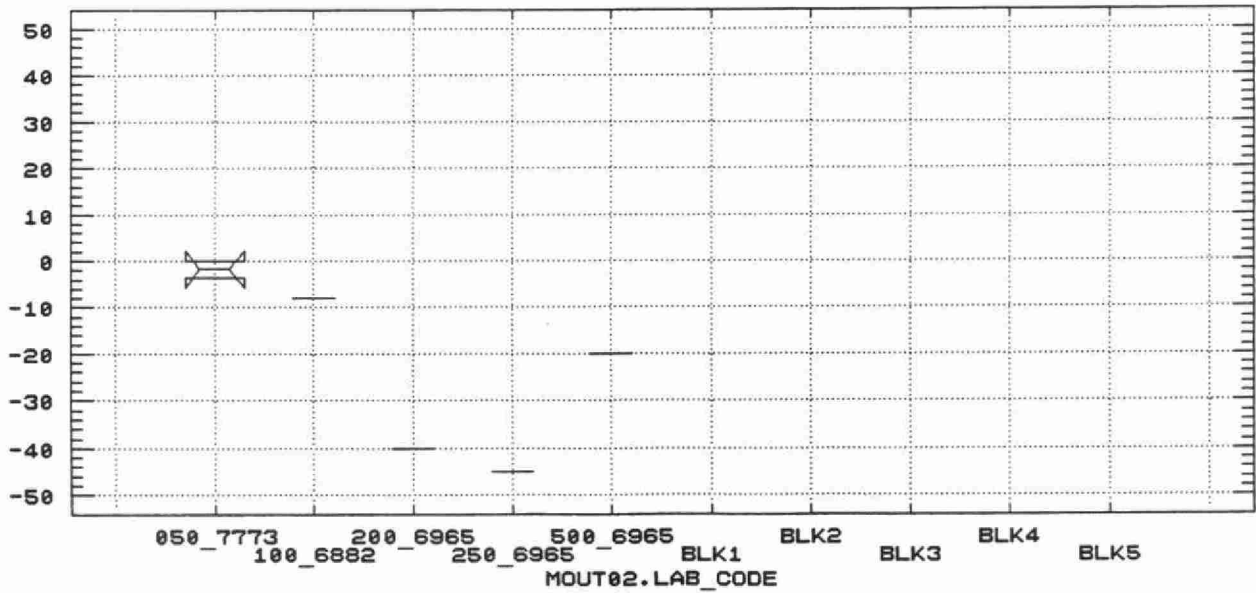
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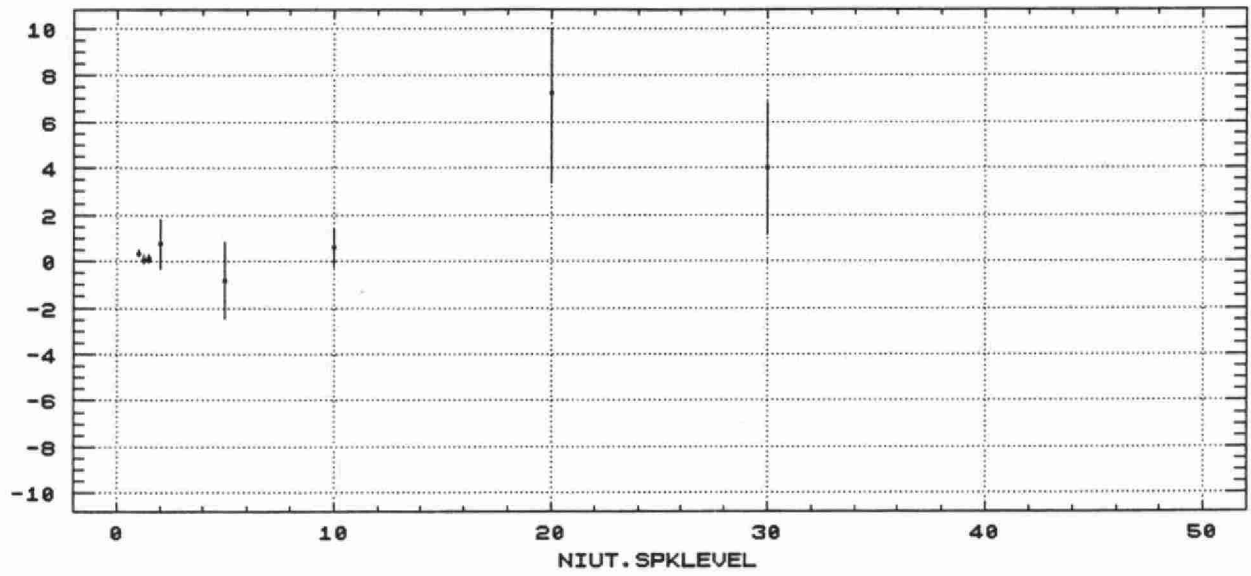
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MOUT02.DIFF



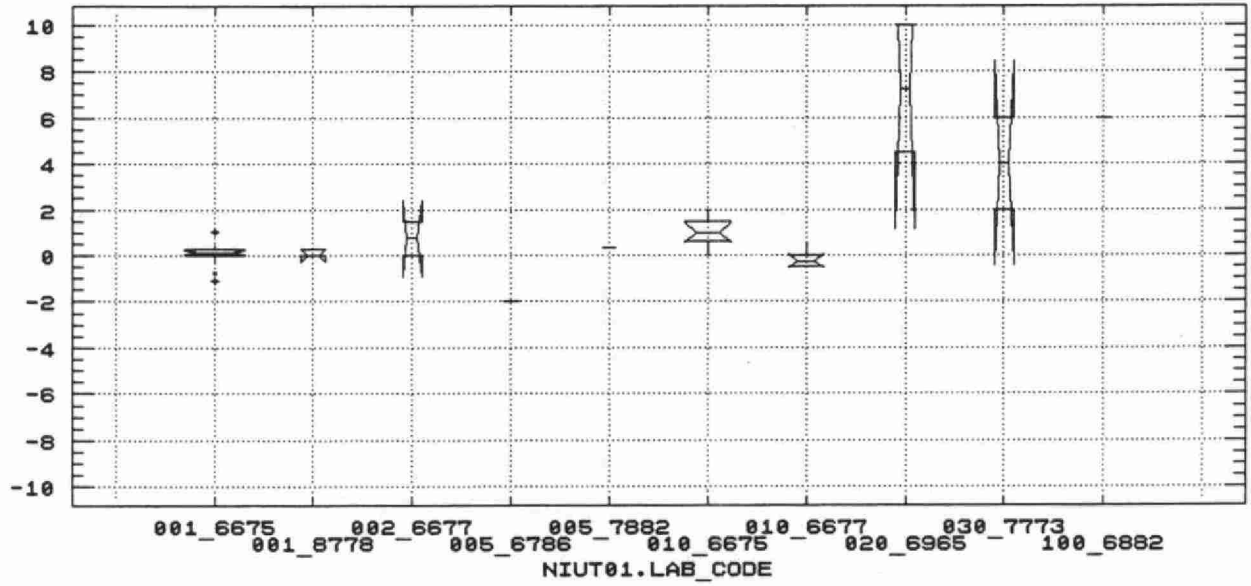
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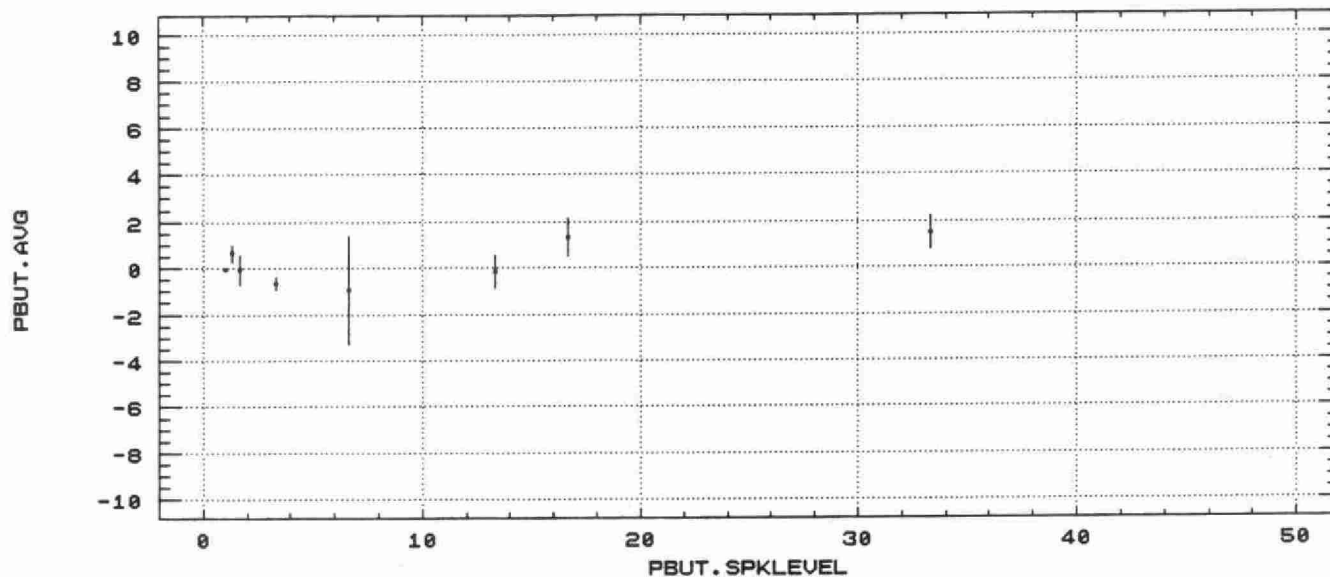


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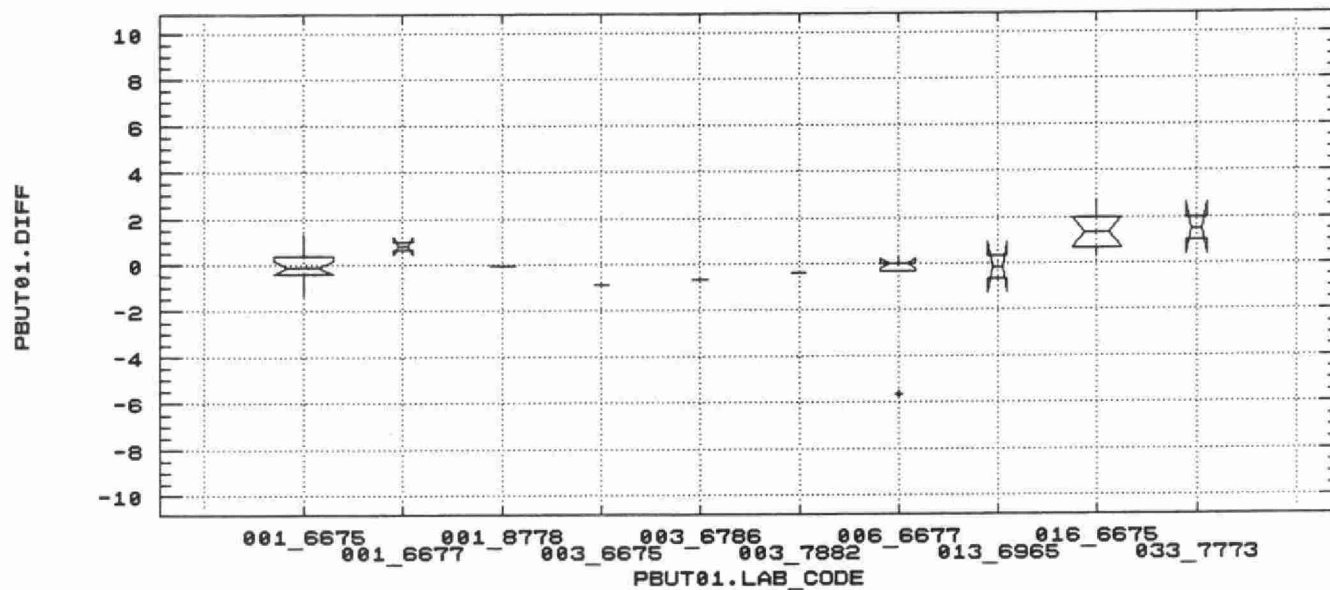
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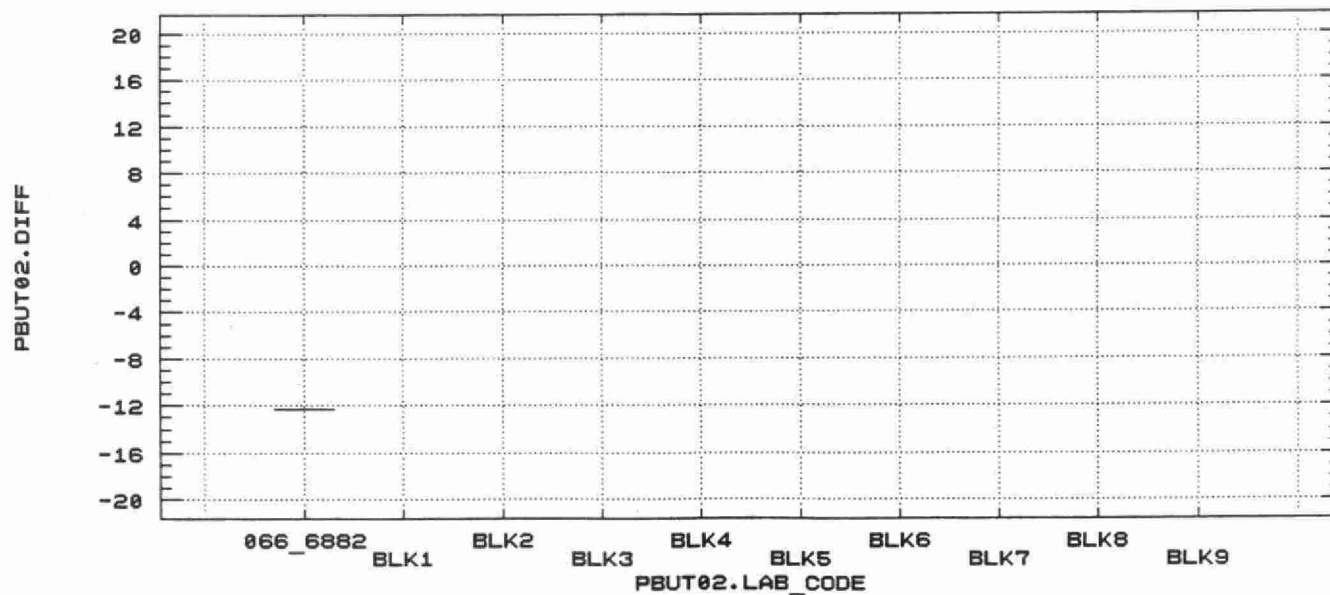
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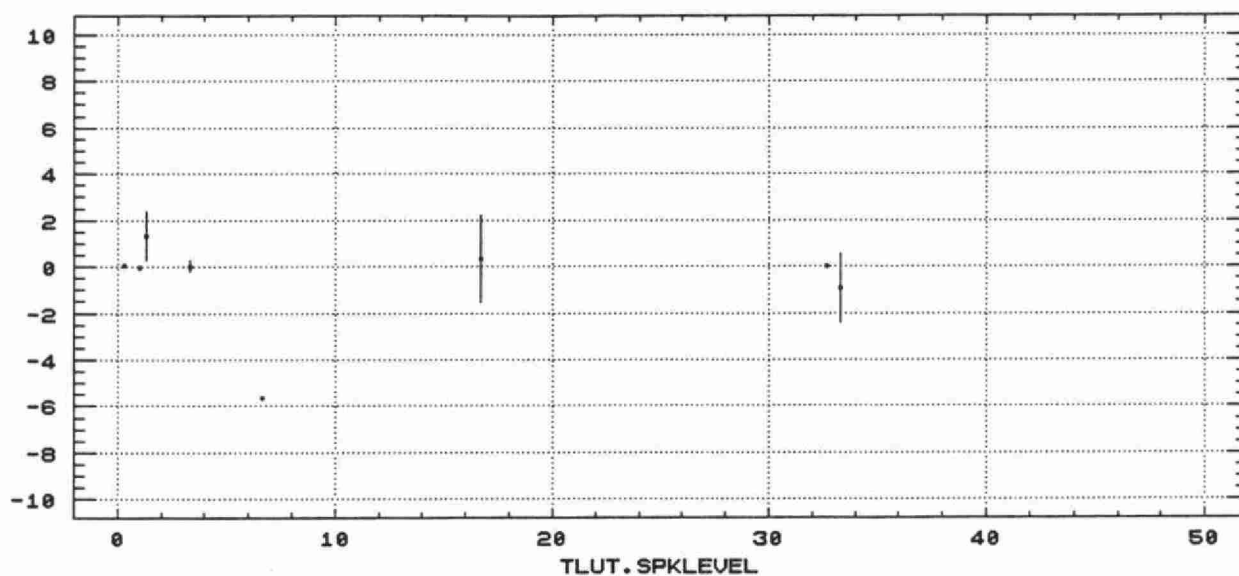


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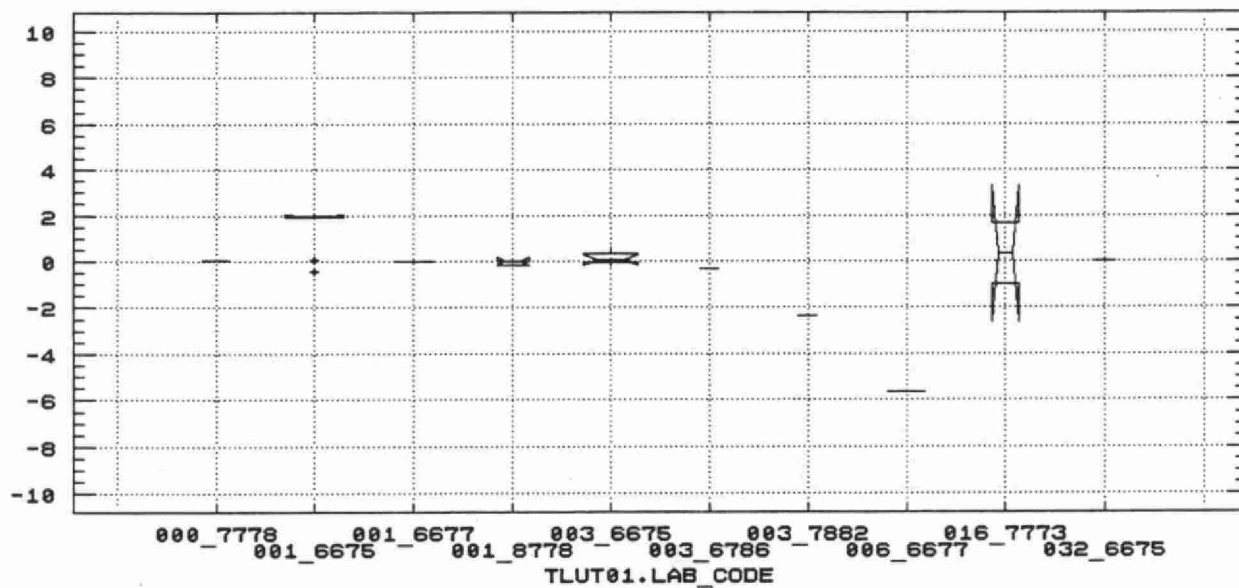
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TLUT.AVG



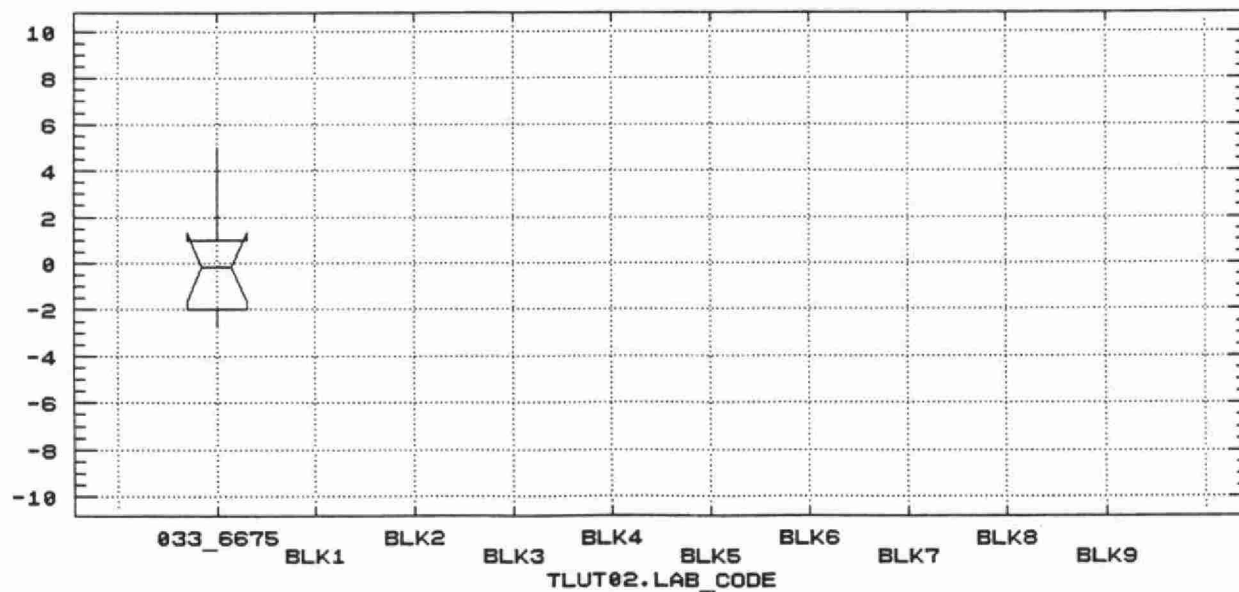
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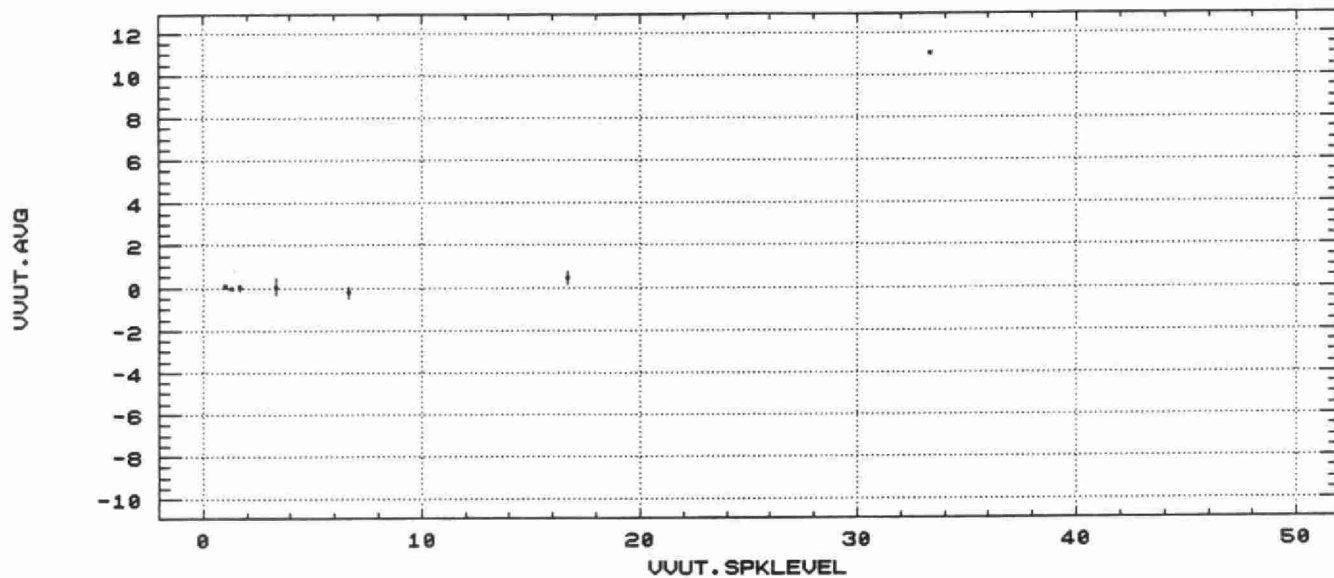


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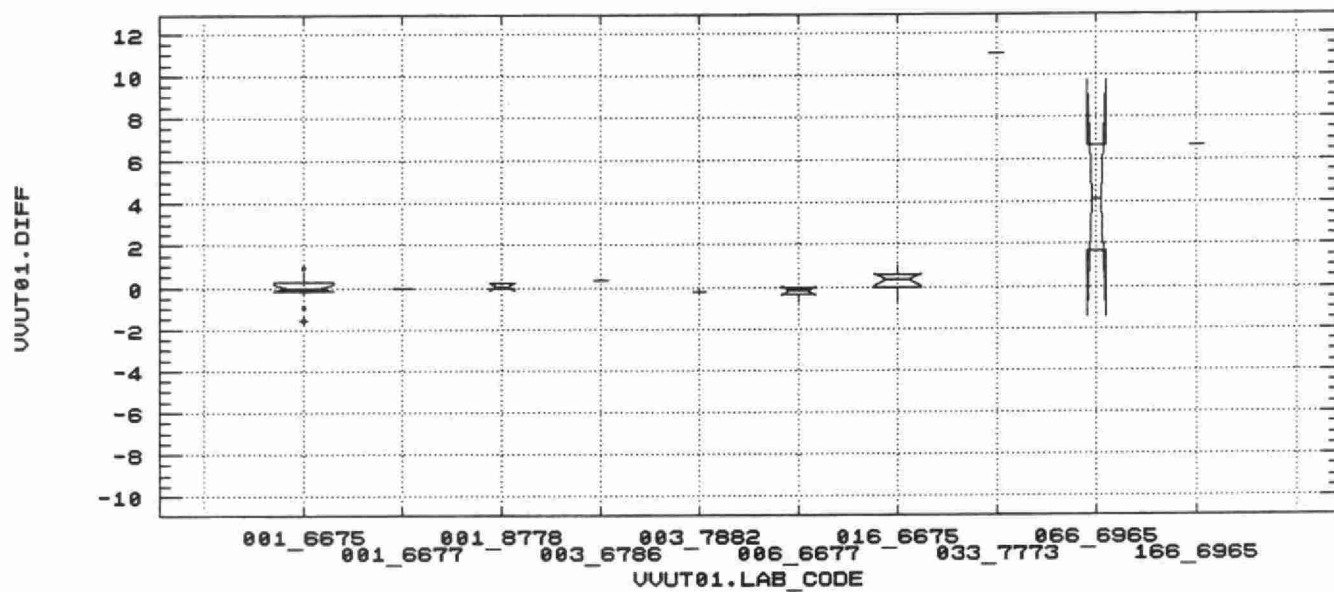
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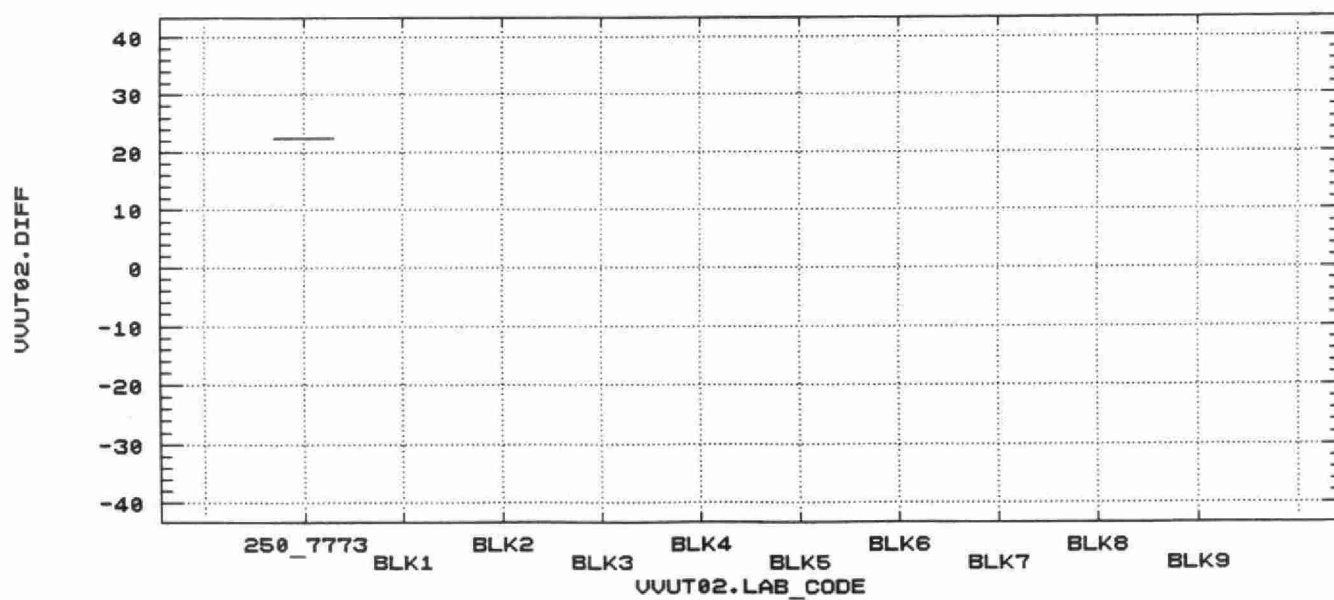
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TRAVELLING SPIKED BLANKS

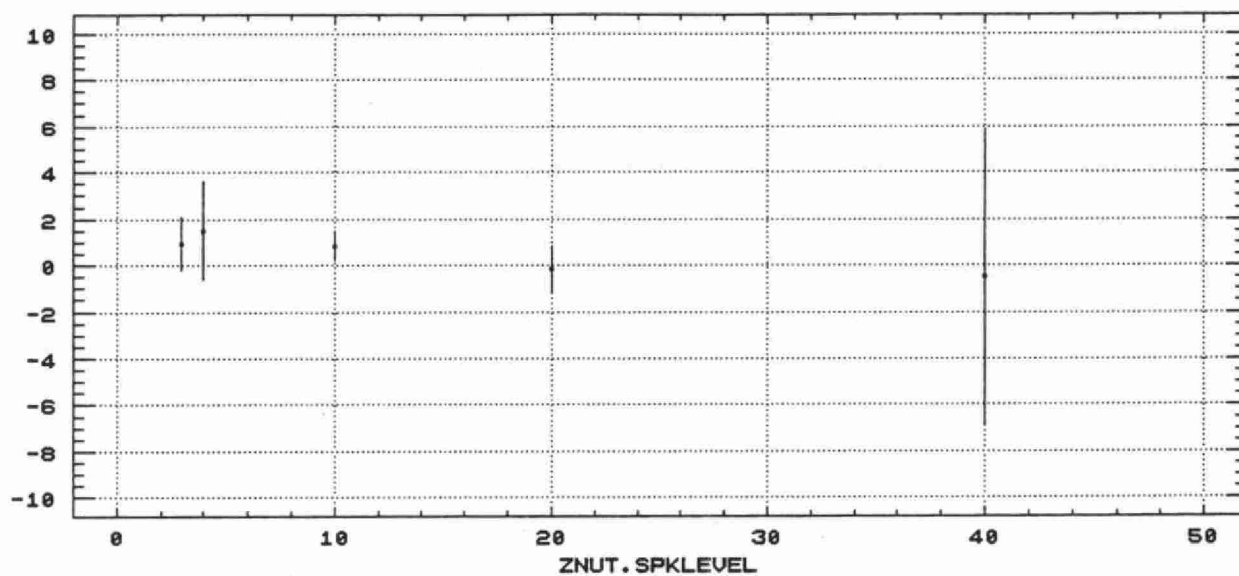


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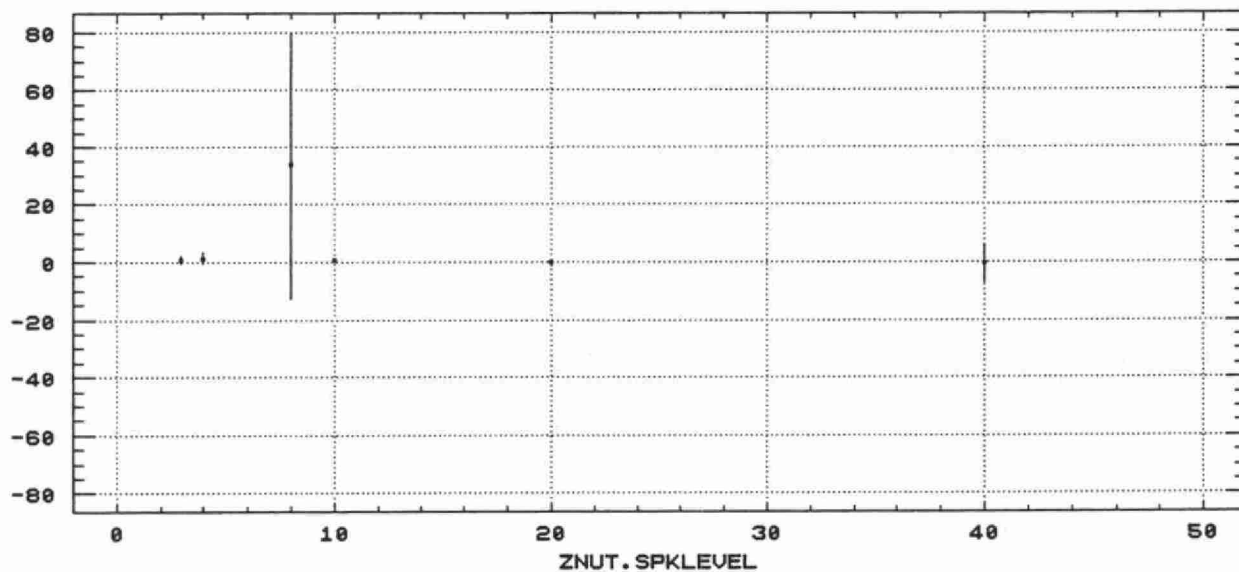
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ZNUT.AUG



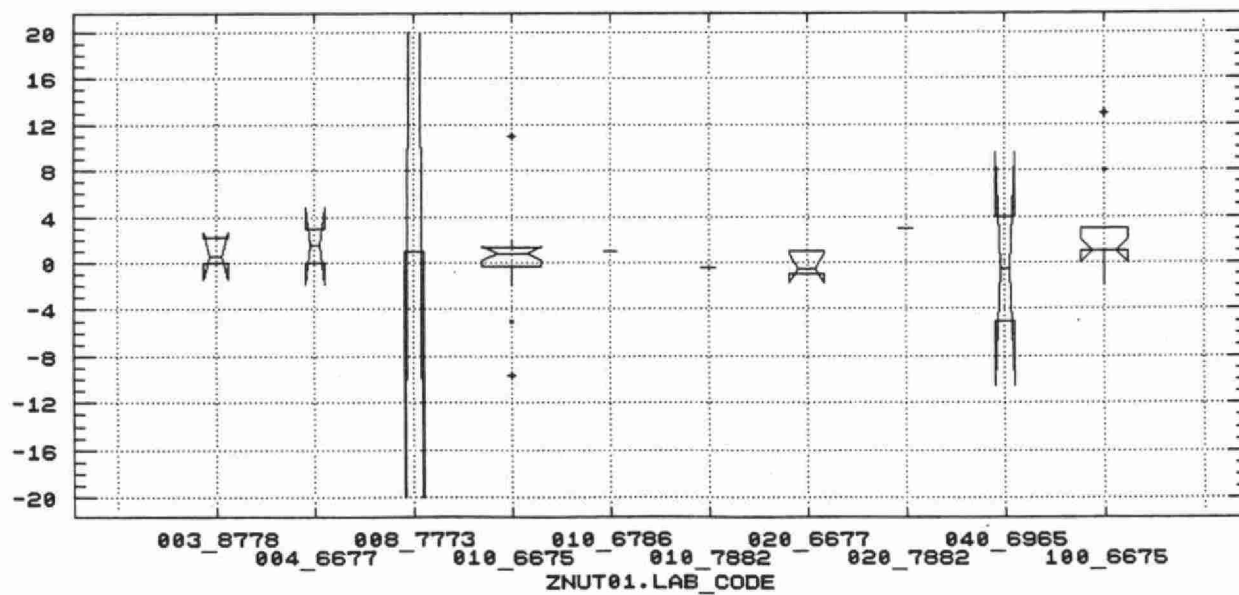
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ZNUT.AUG



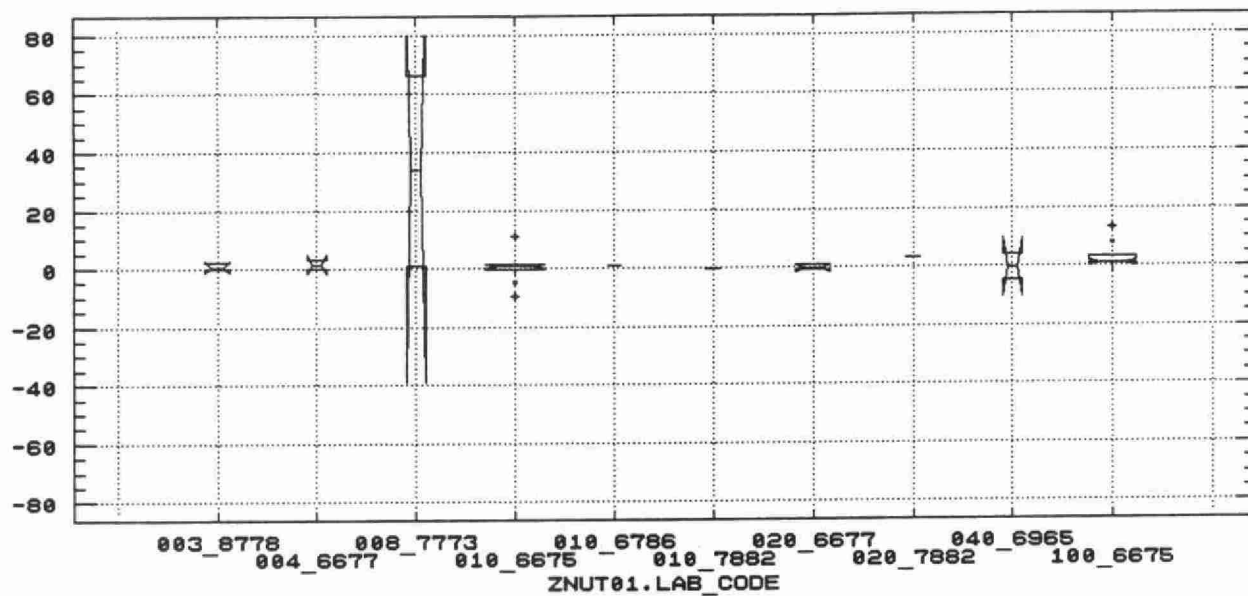
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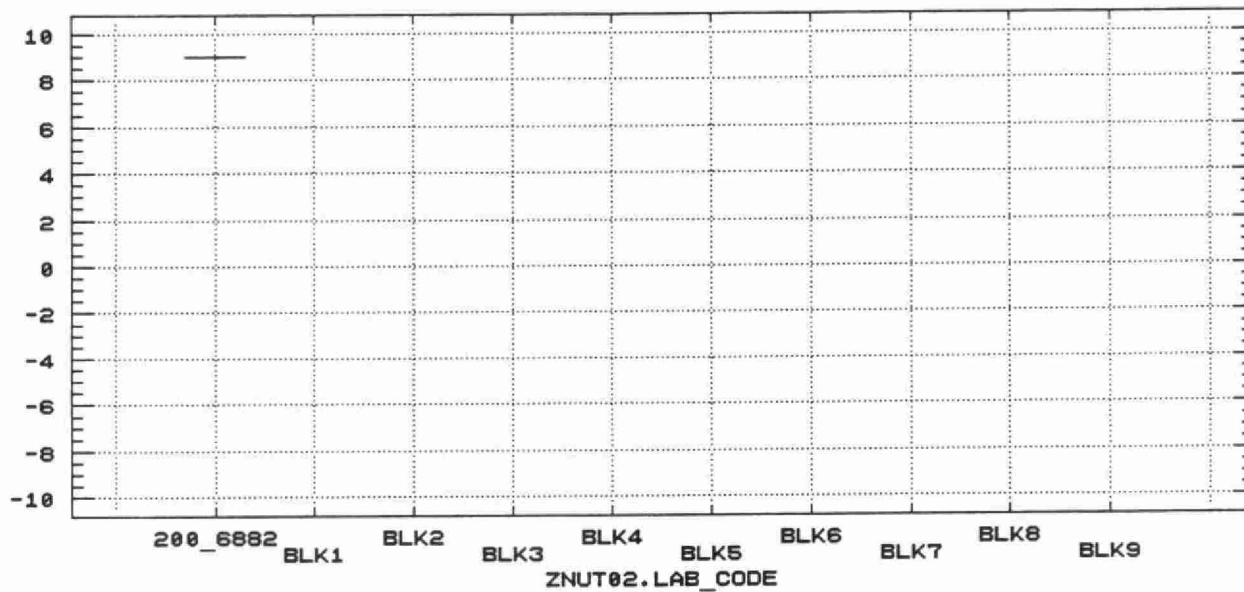
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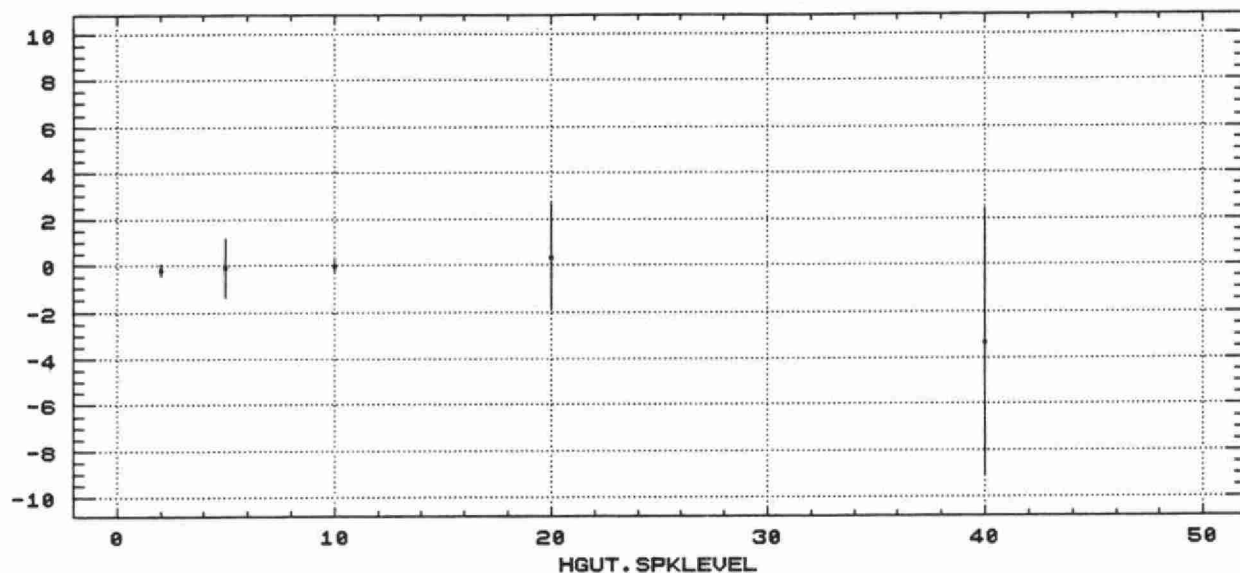
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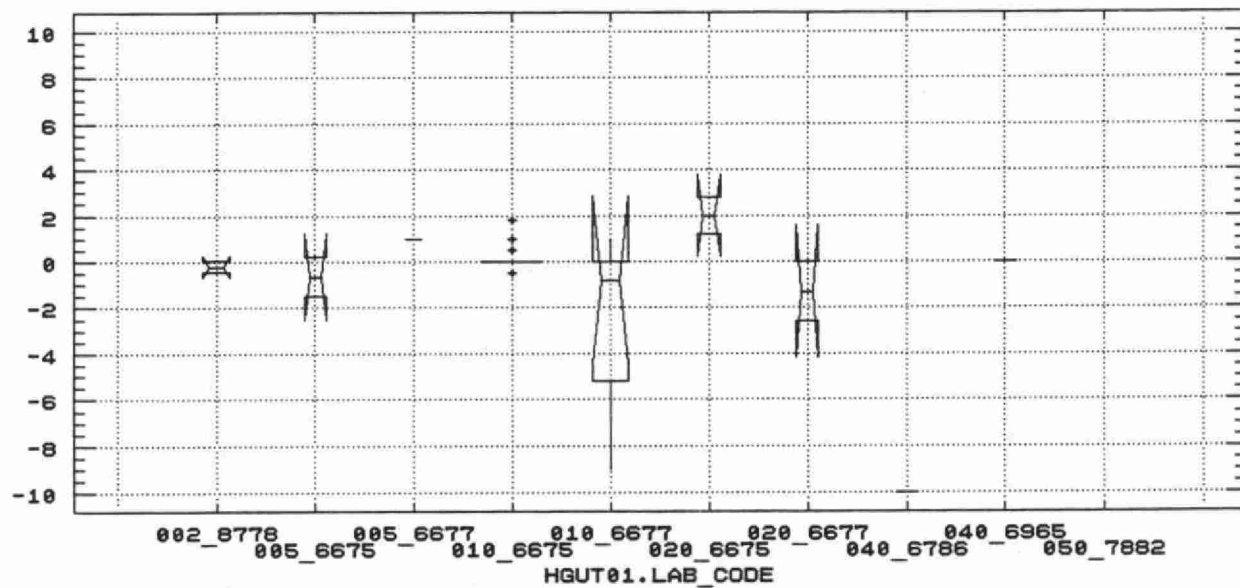
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HGUT.AVG



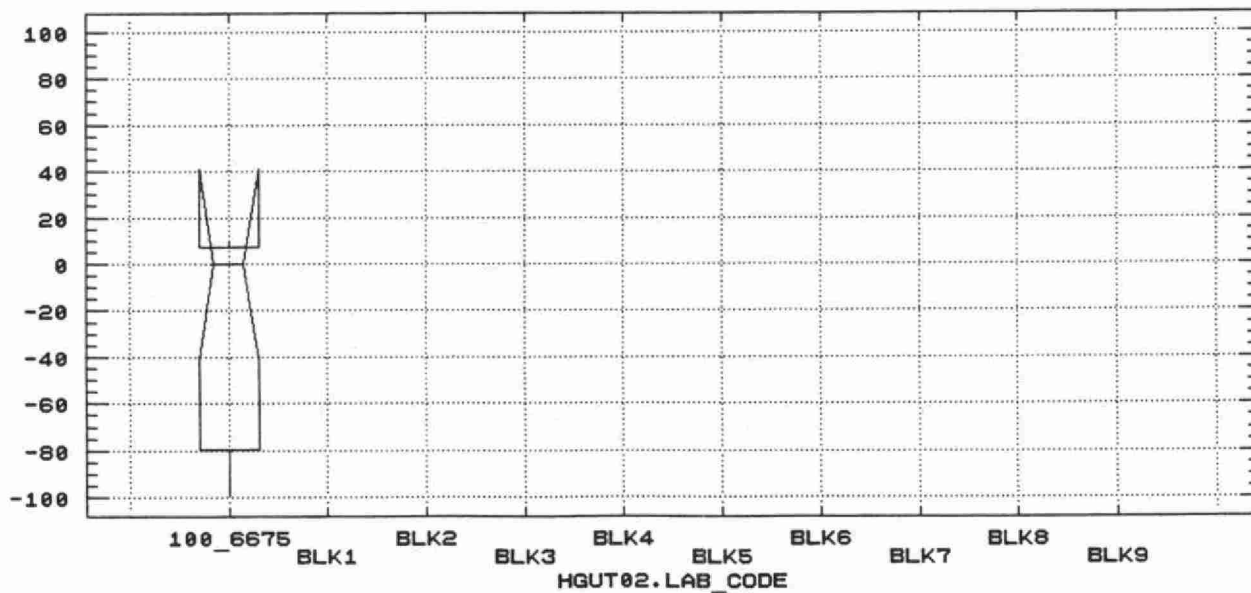
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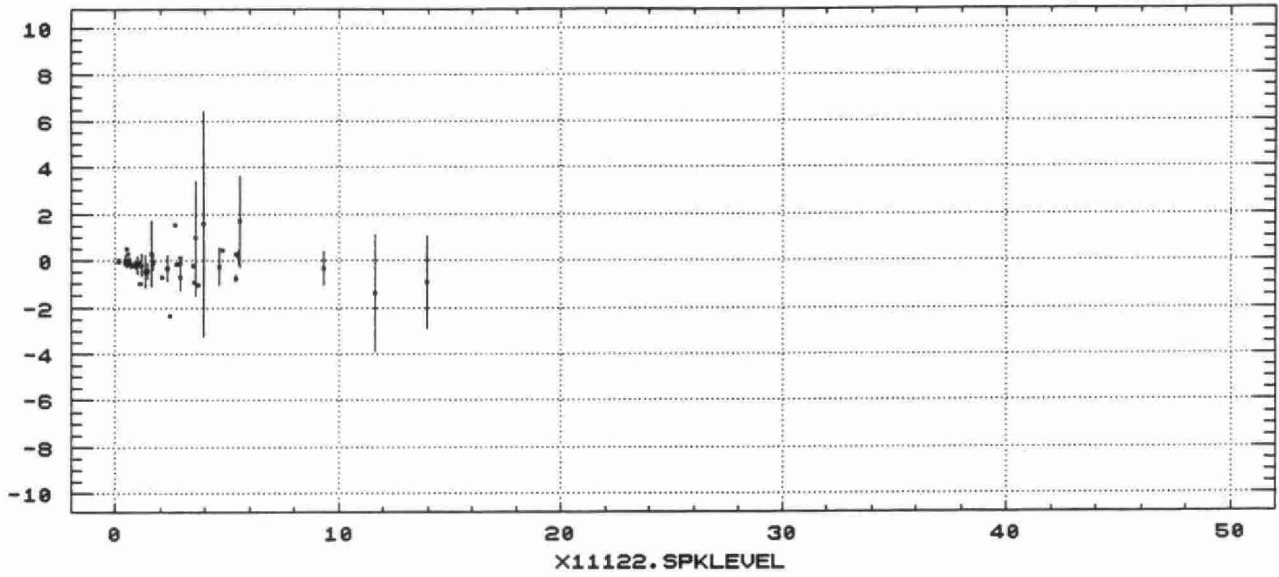
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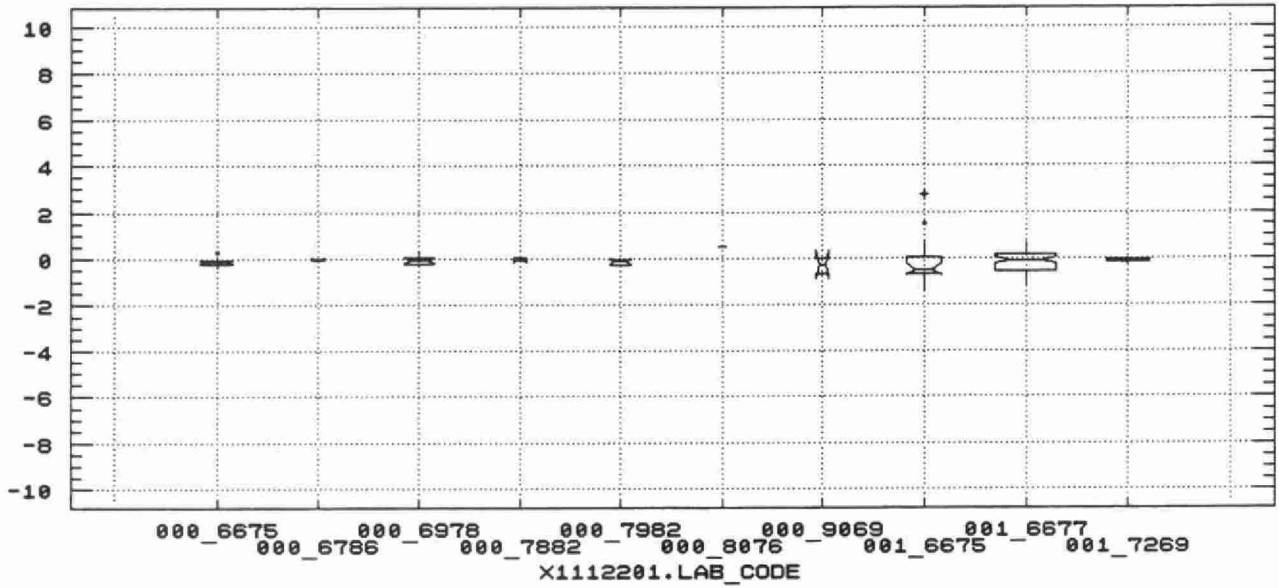
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X11122.AVG



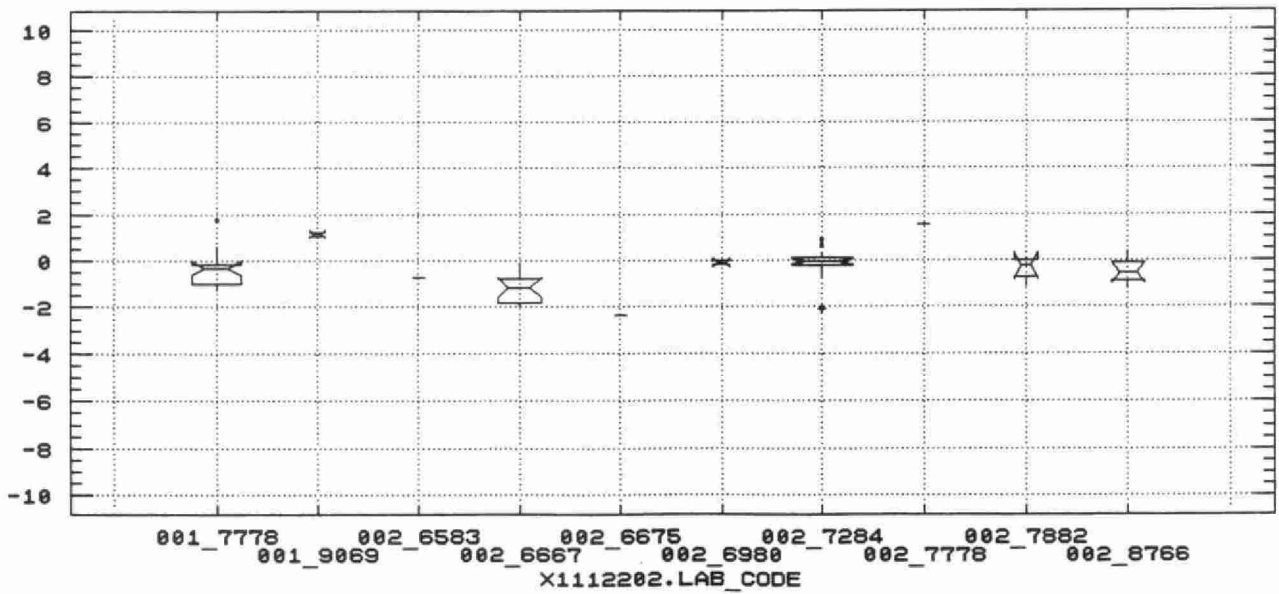
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X1112201.DIFF



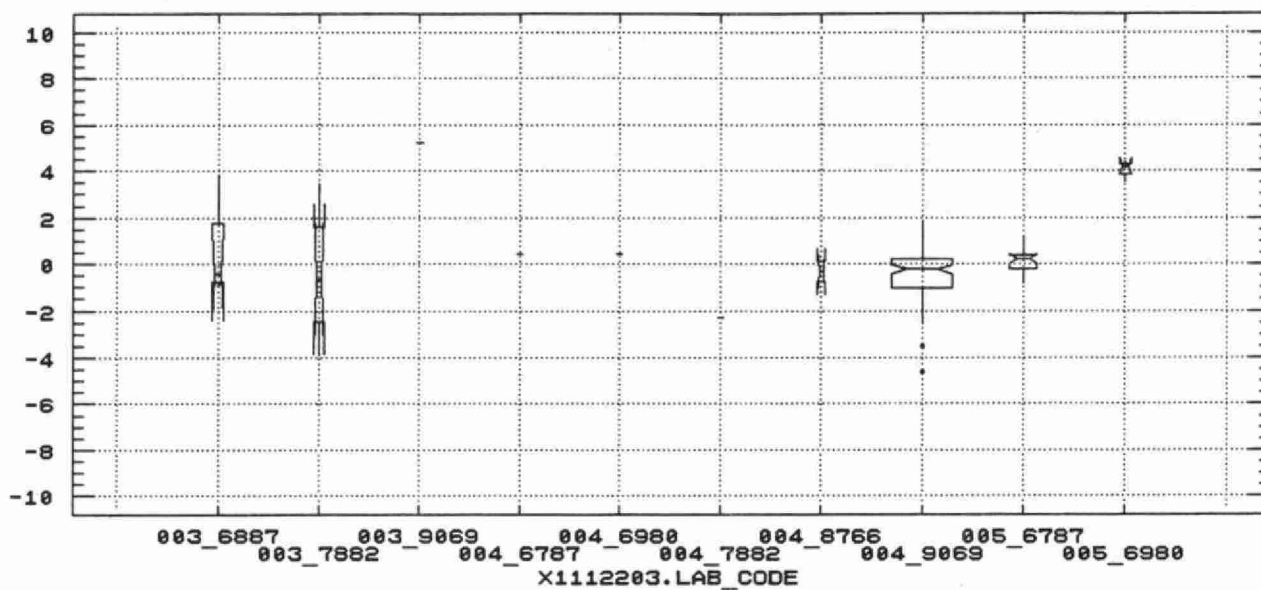
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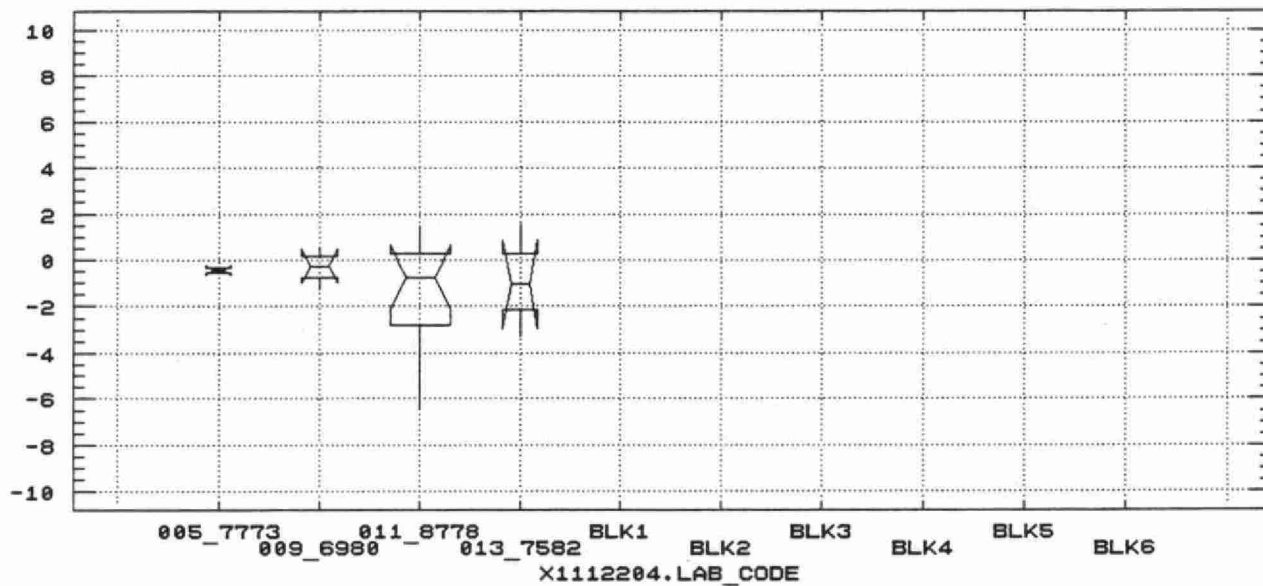
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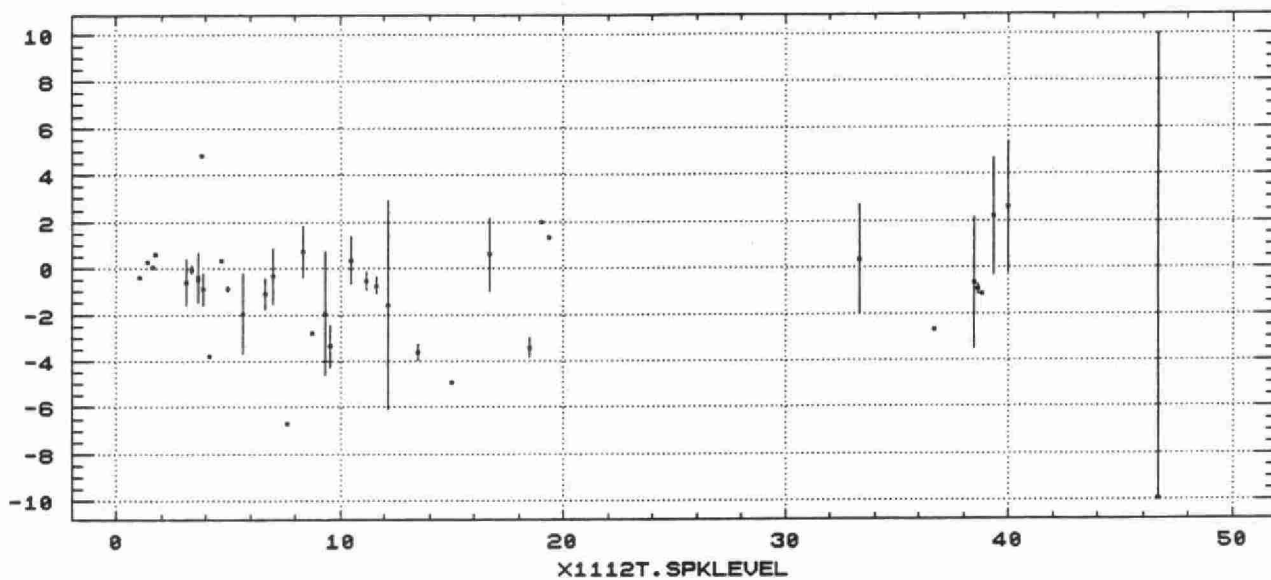
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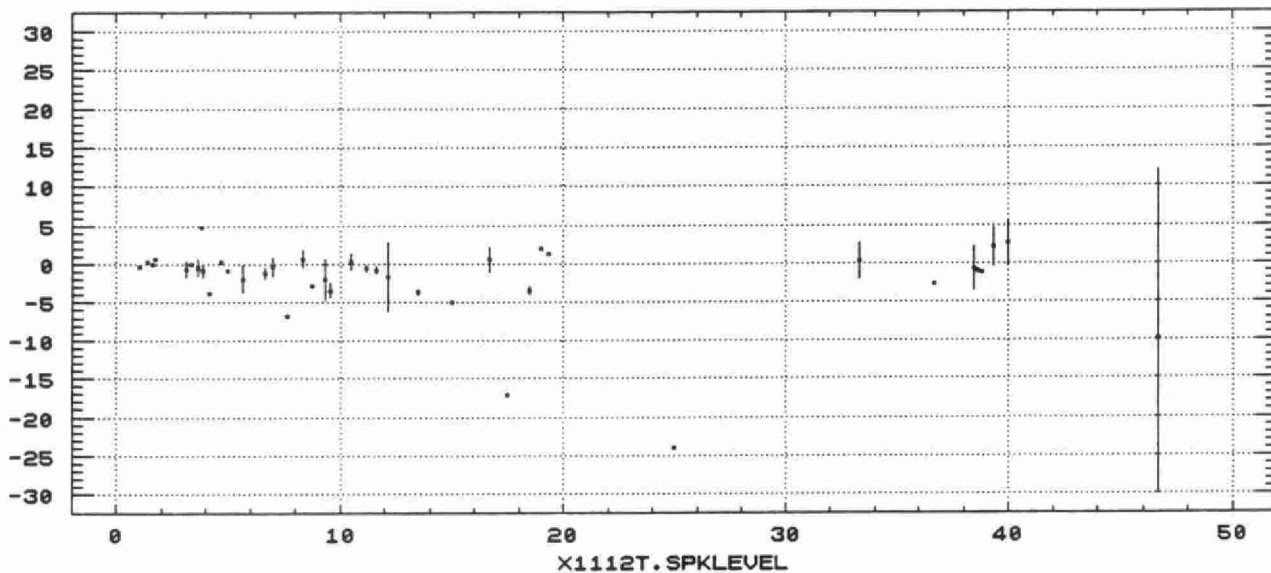
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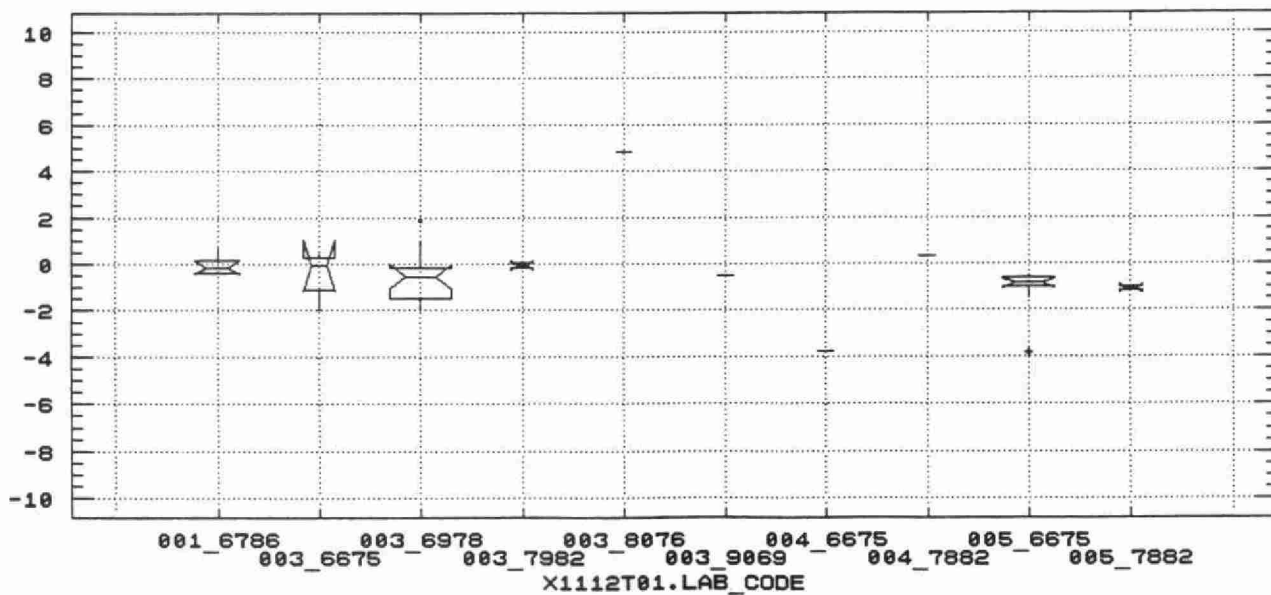
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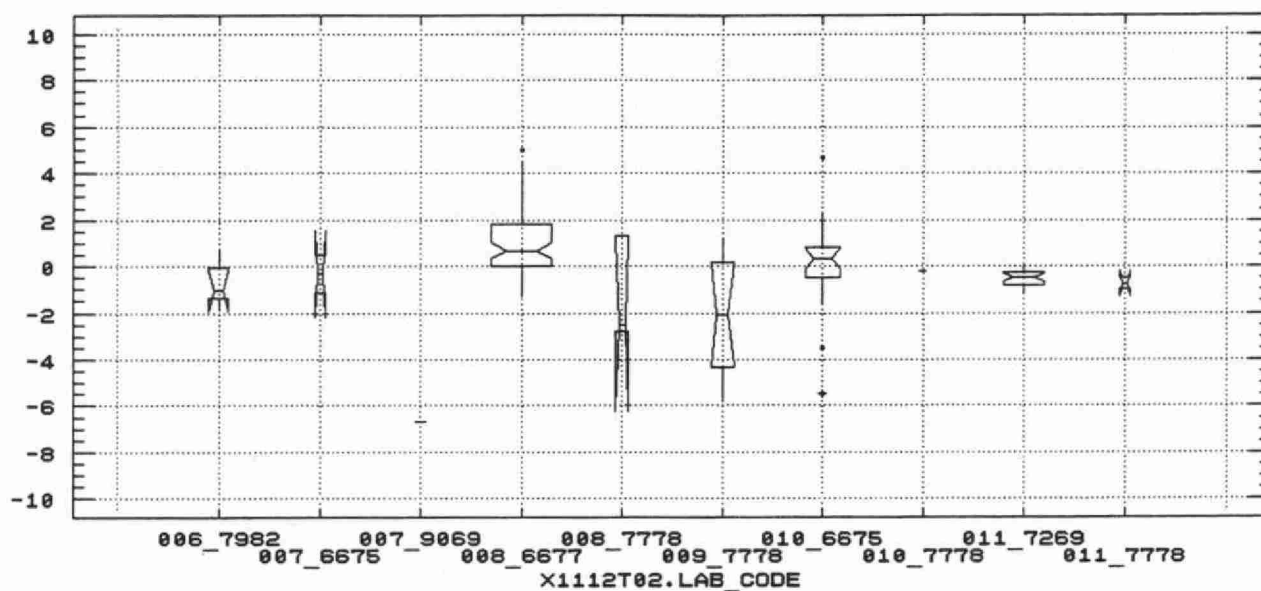
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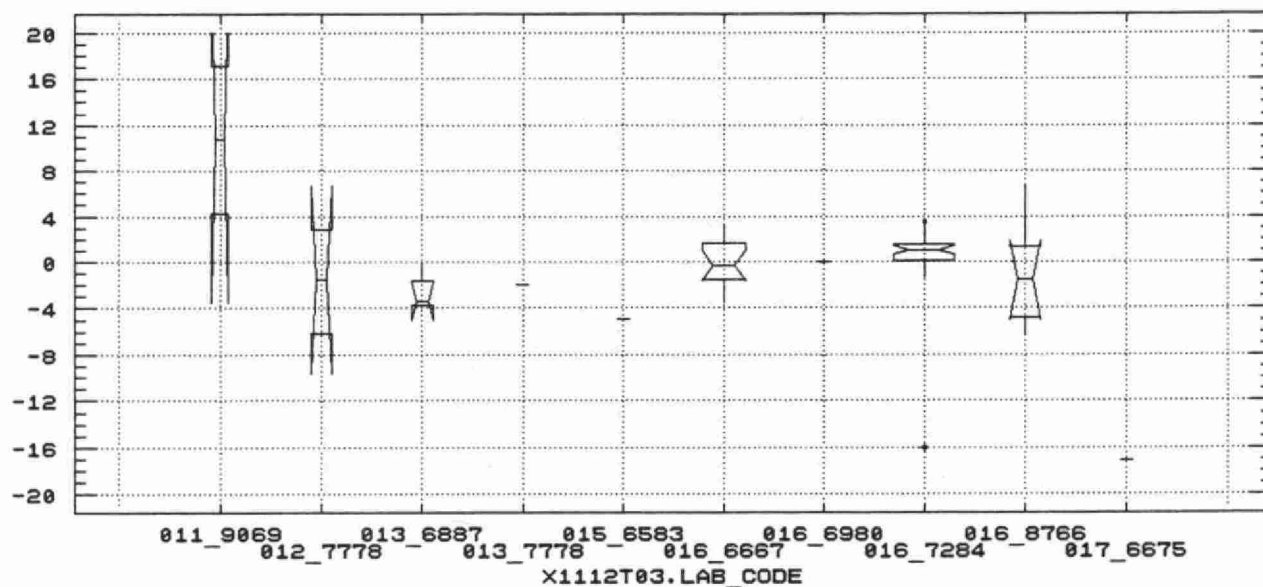
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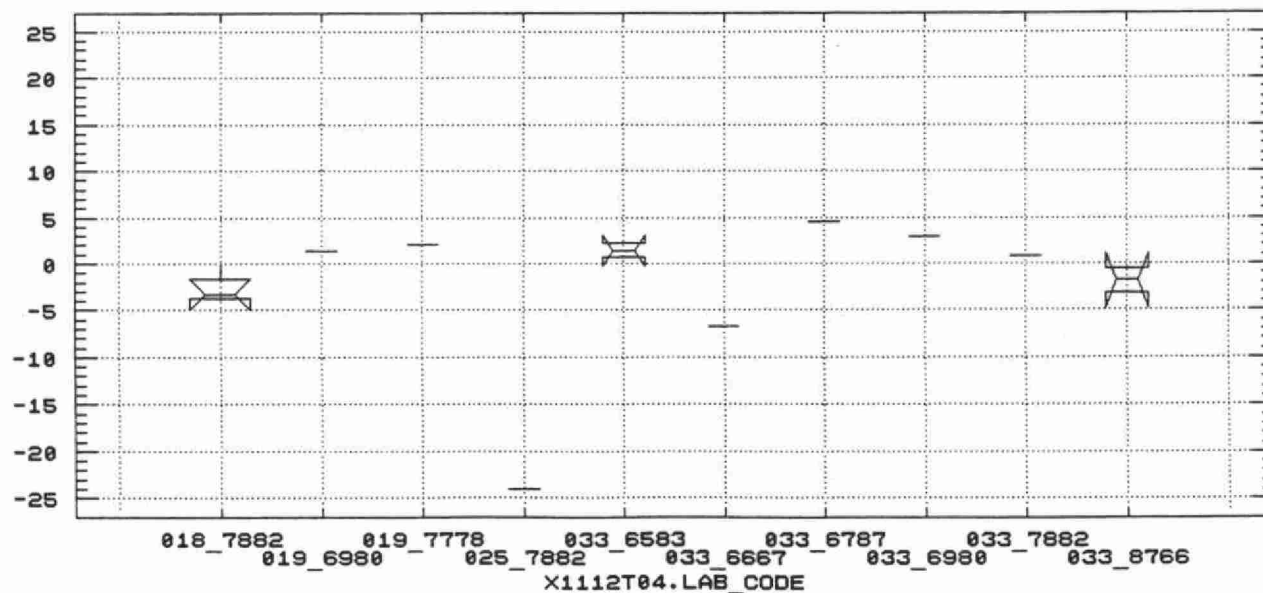
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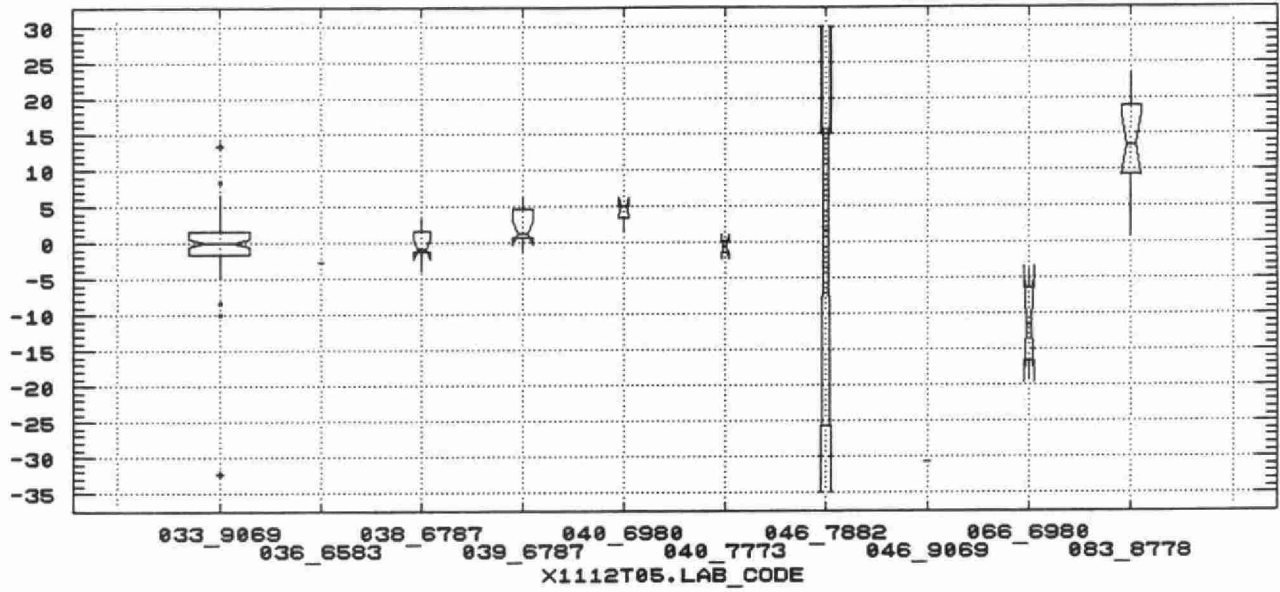
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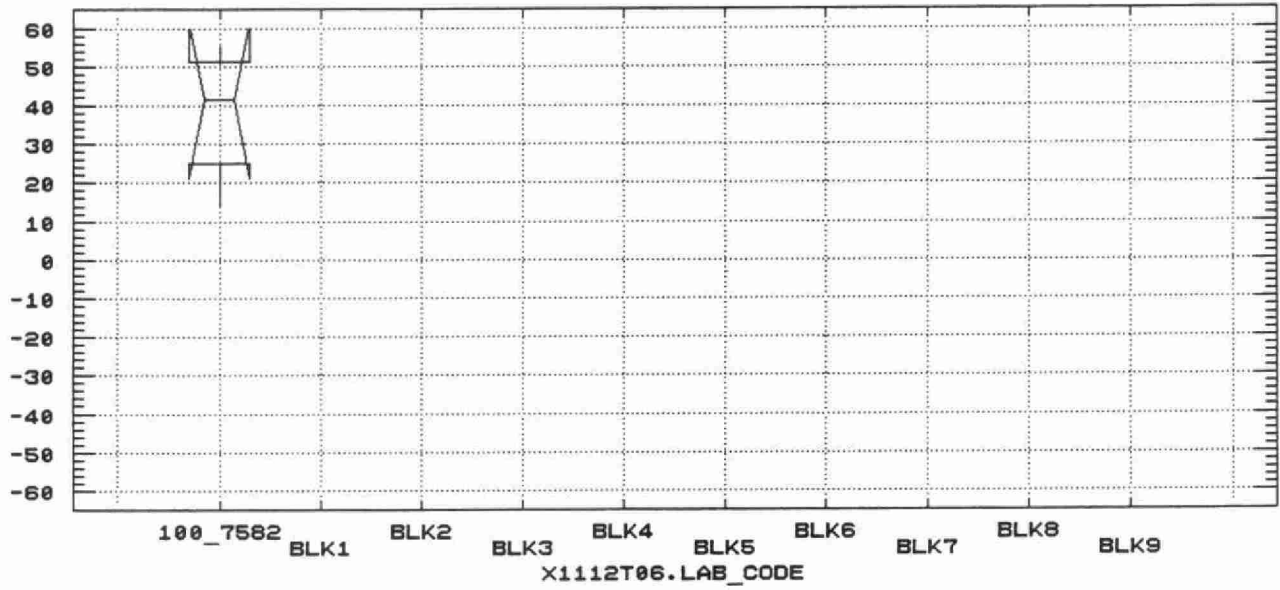
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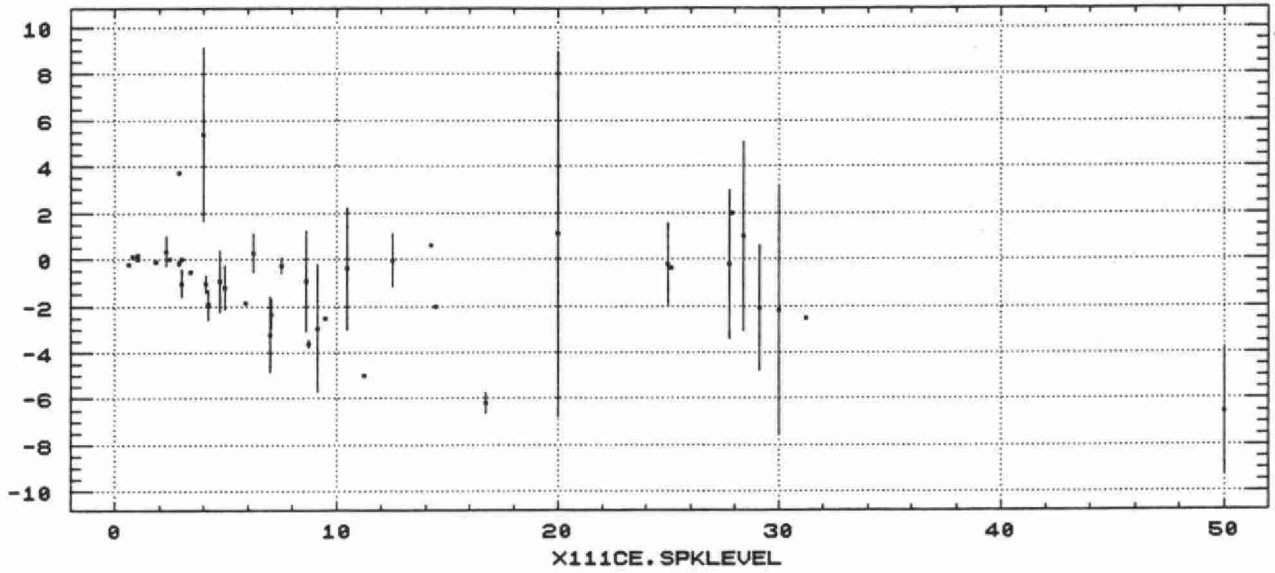
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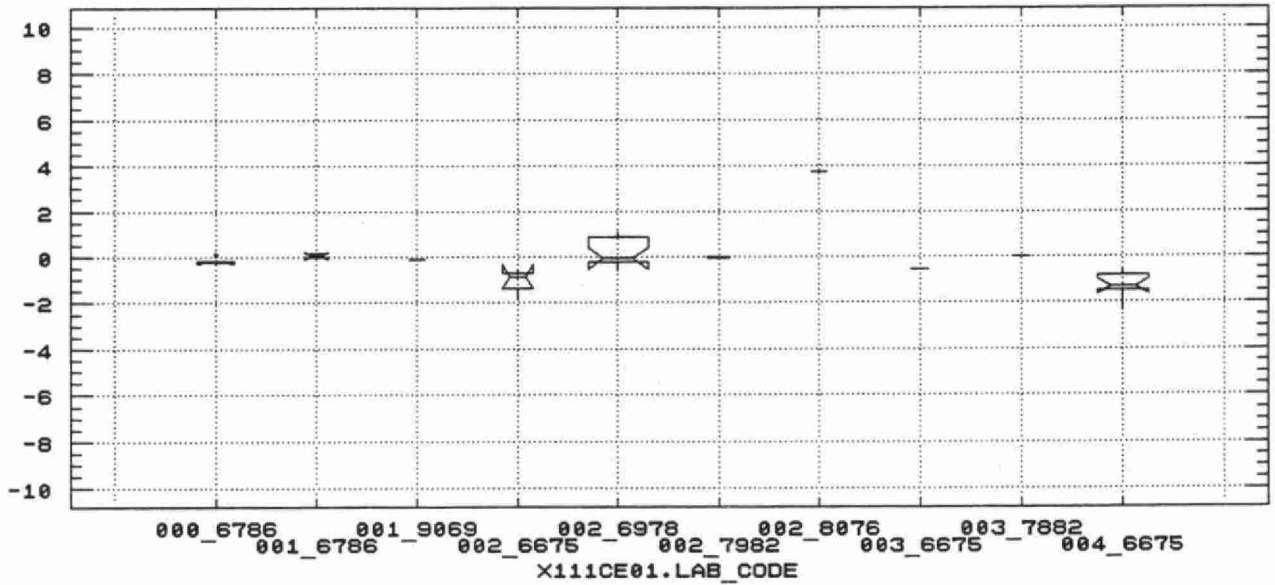
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X111CE.AUG



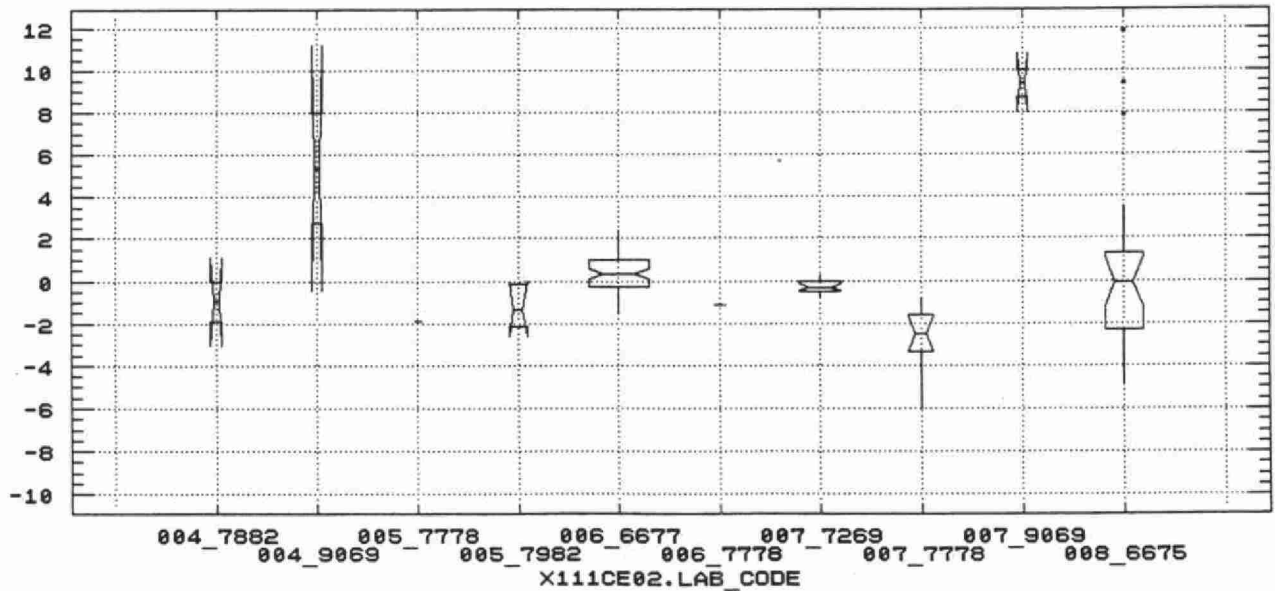
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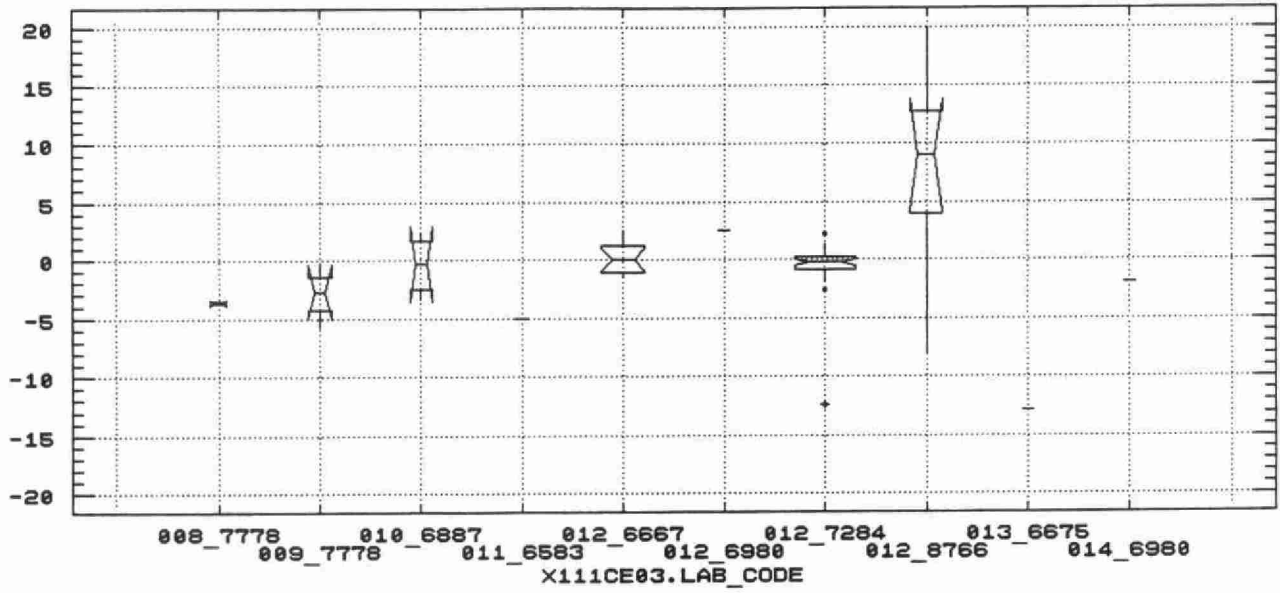
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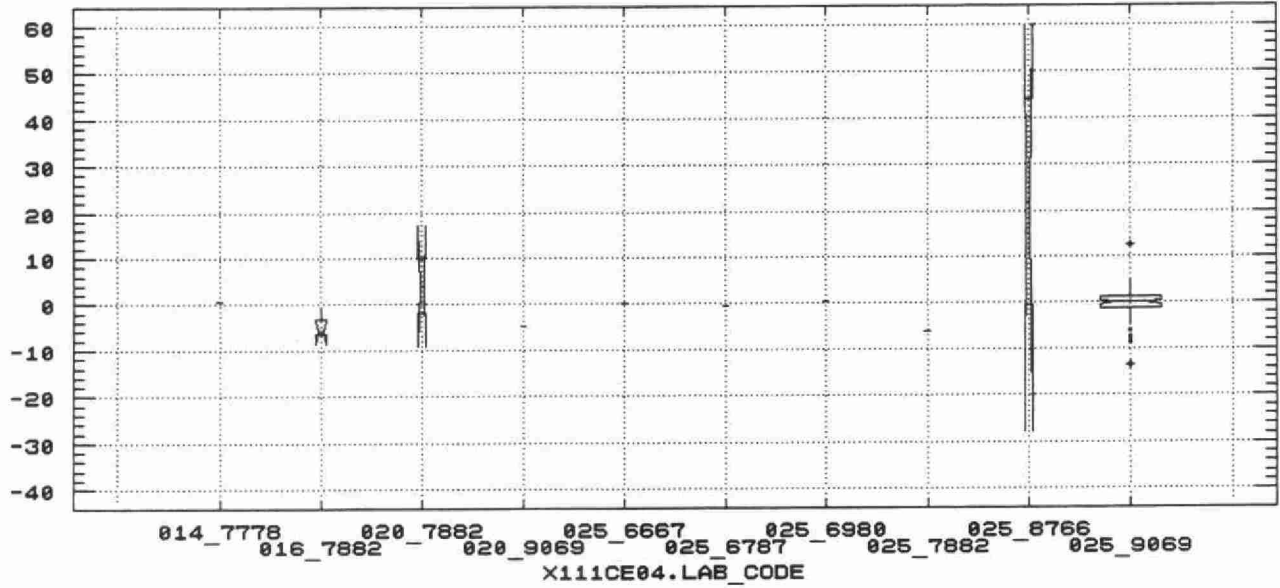
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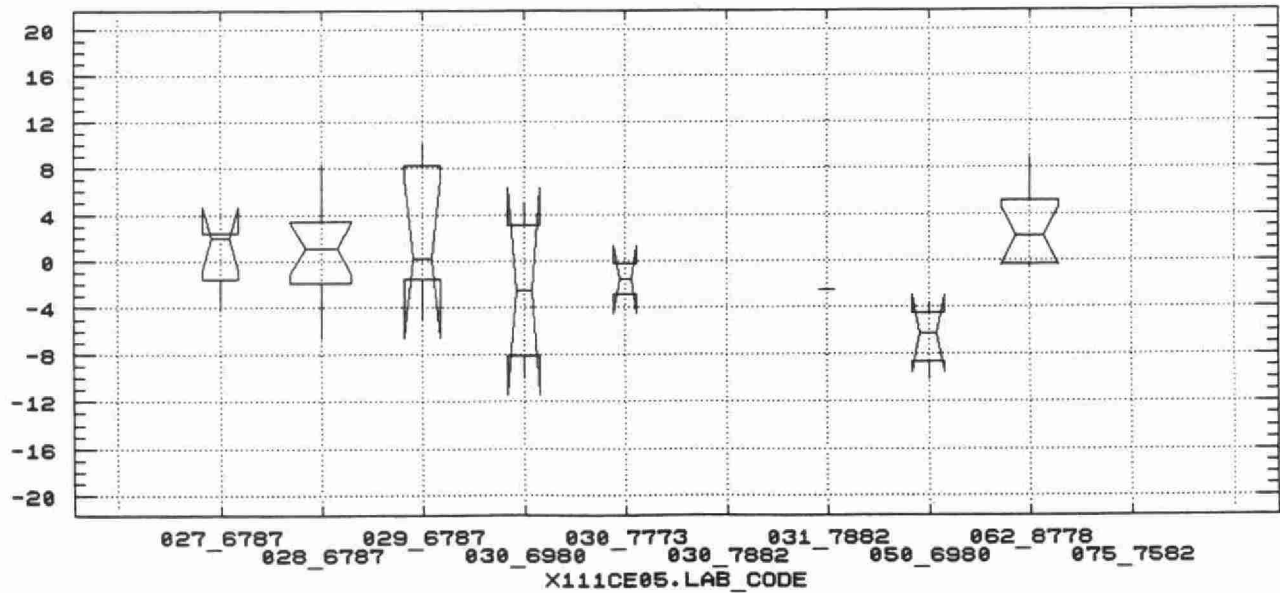
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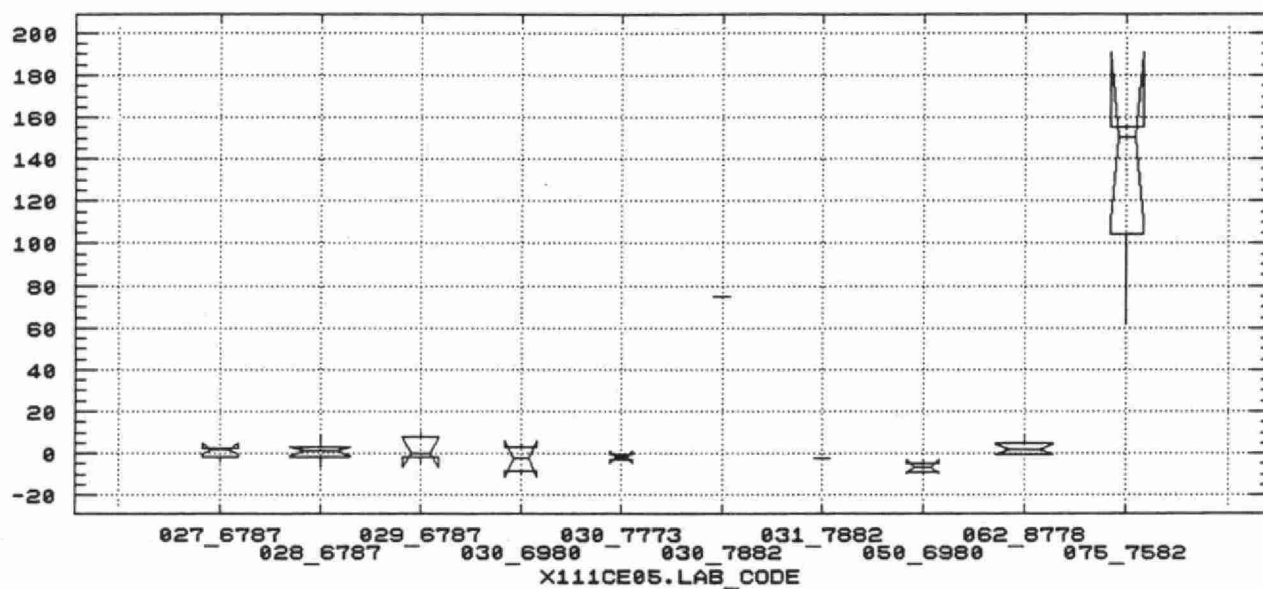
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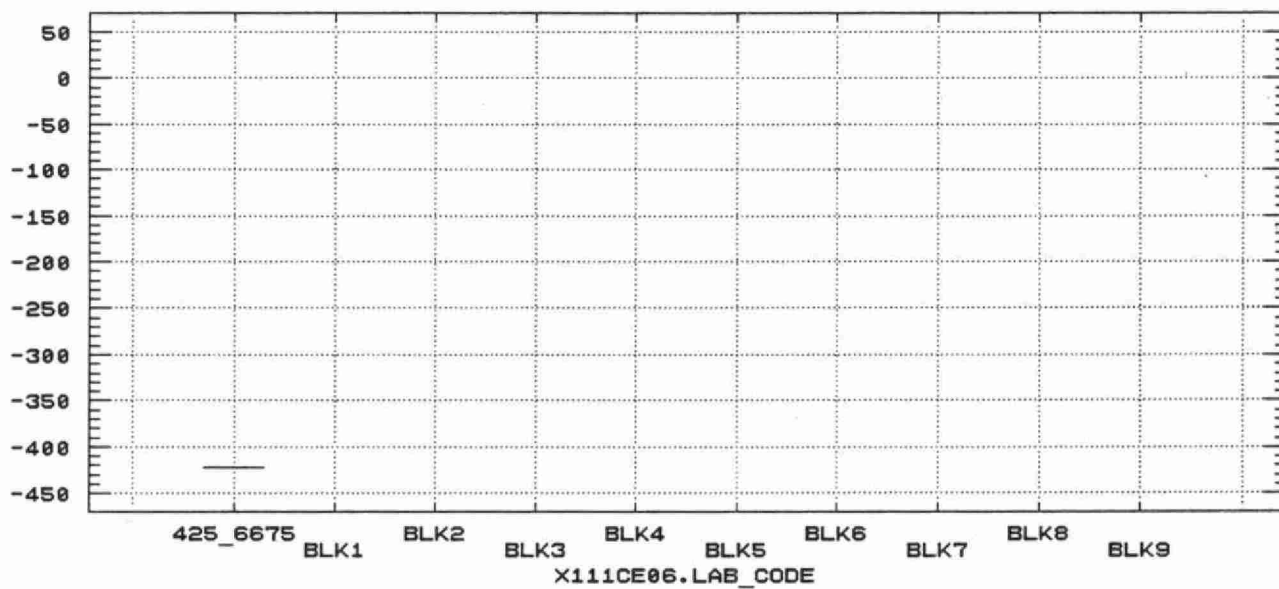
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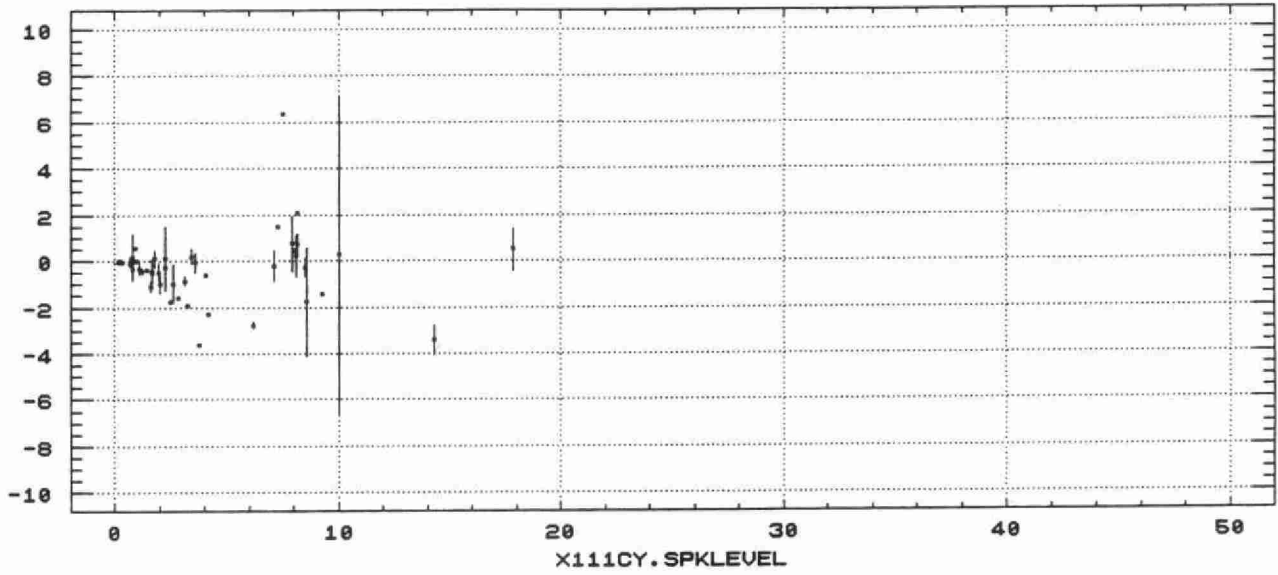
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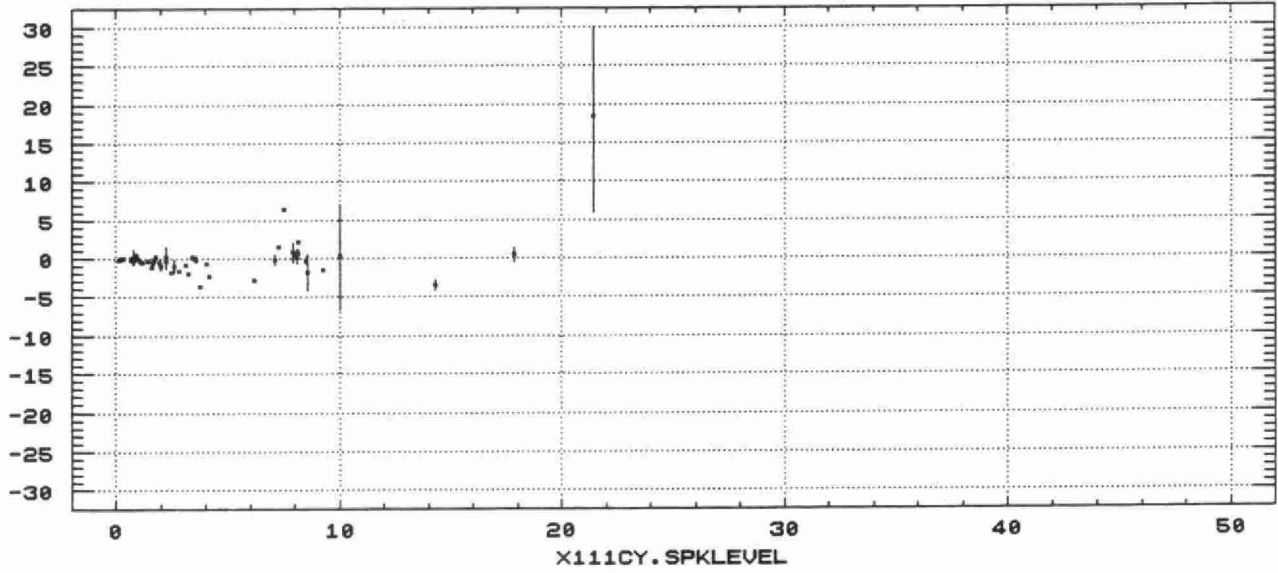
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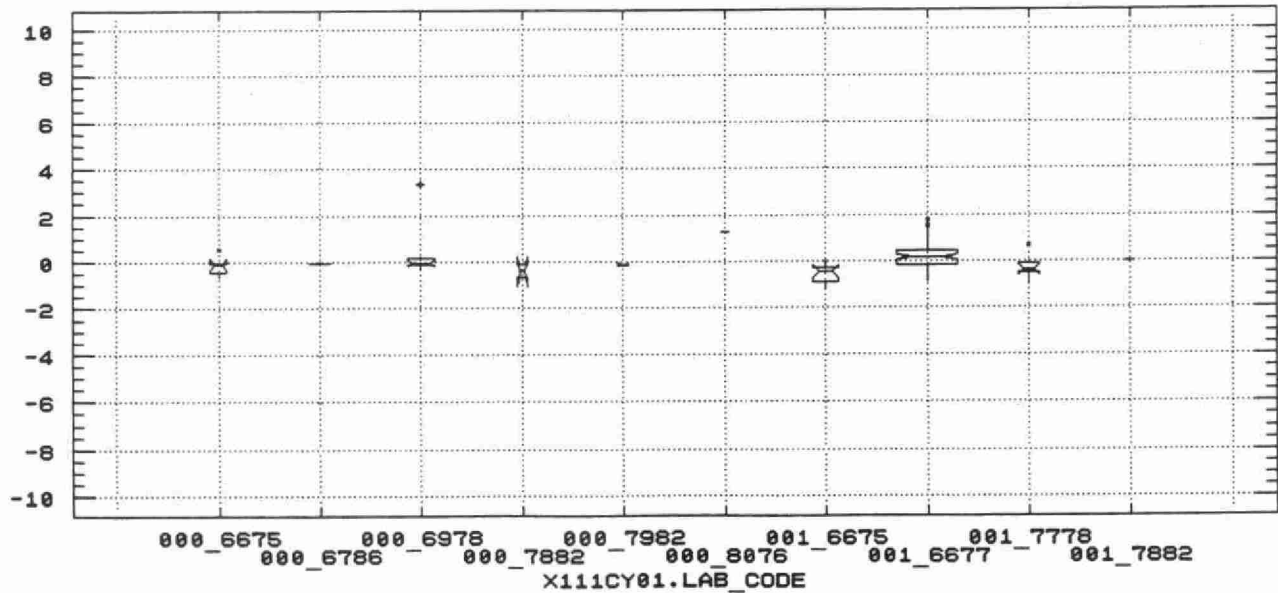
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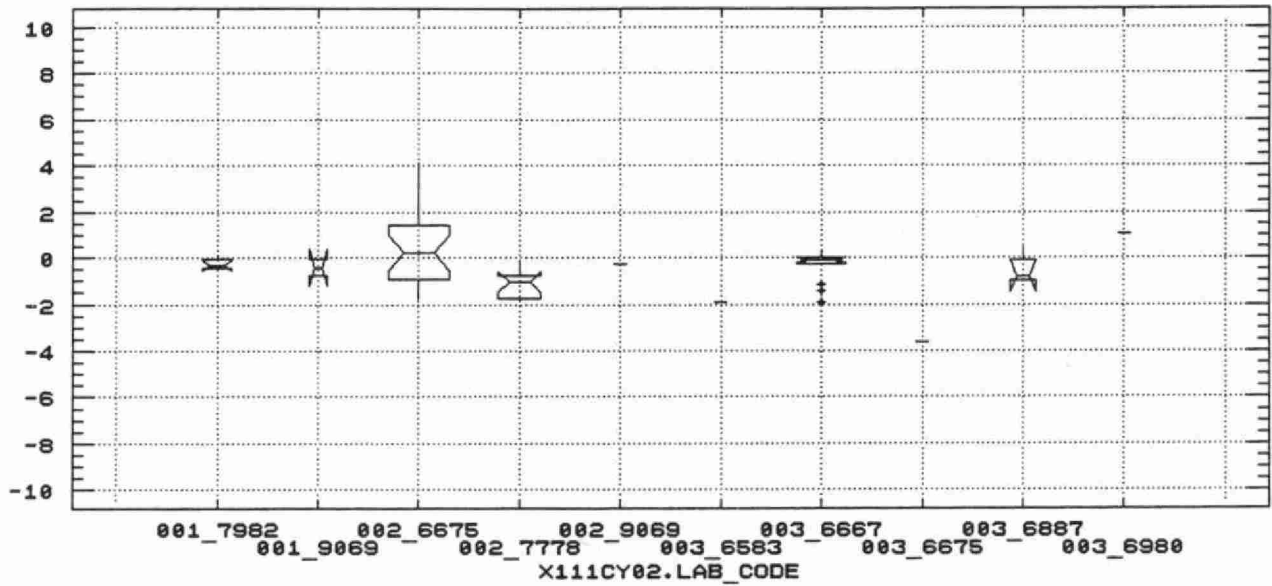
TRAVELLING SPIKED BLANKS

X111CY01.DIFF



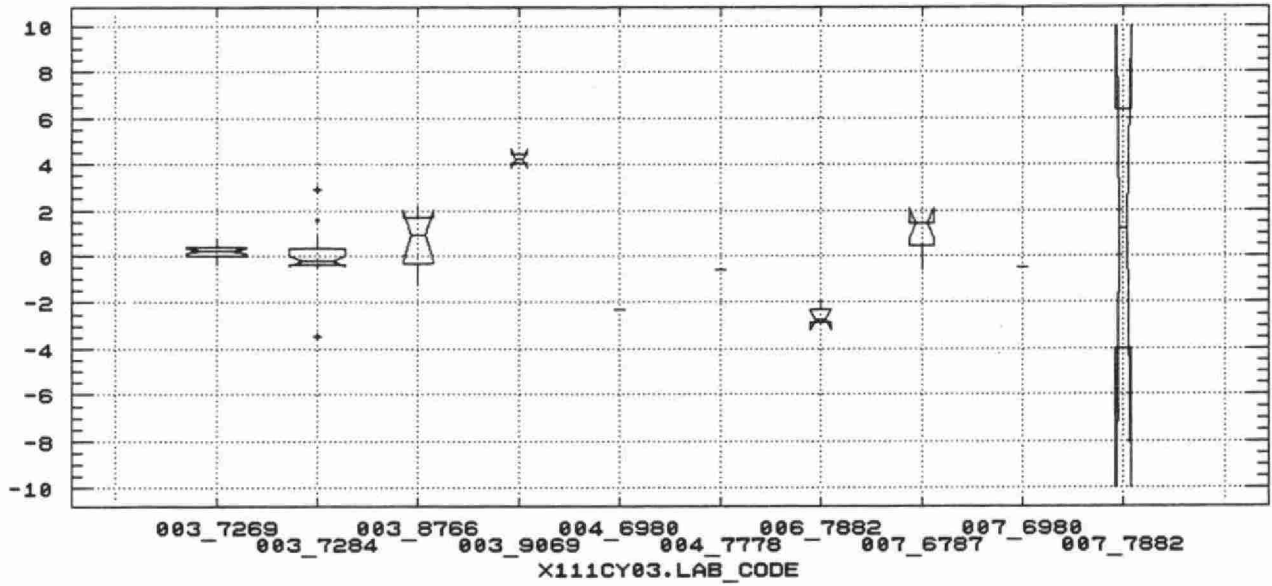
TRAVELLING SPIKED BLANKS

X111CY02.DIFF



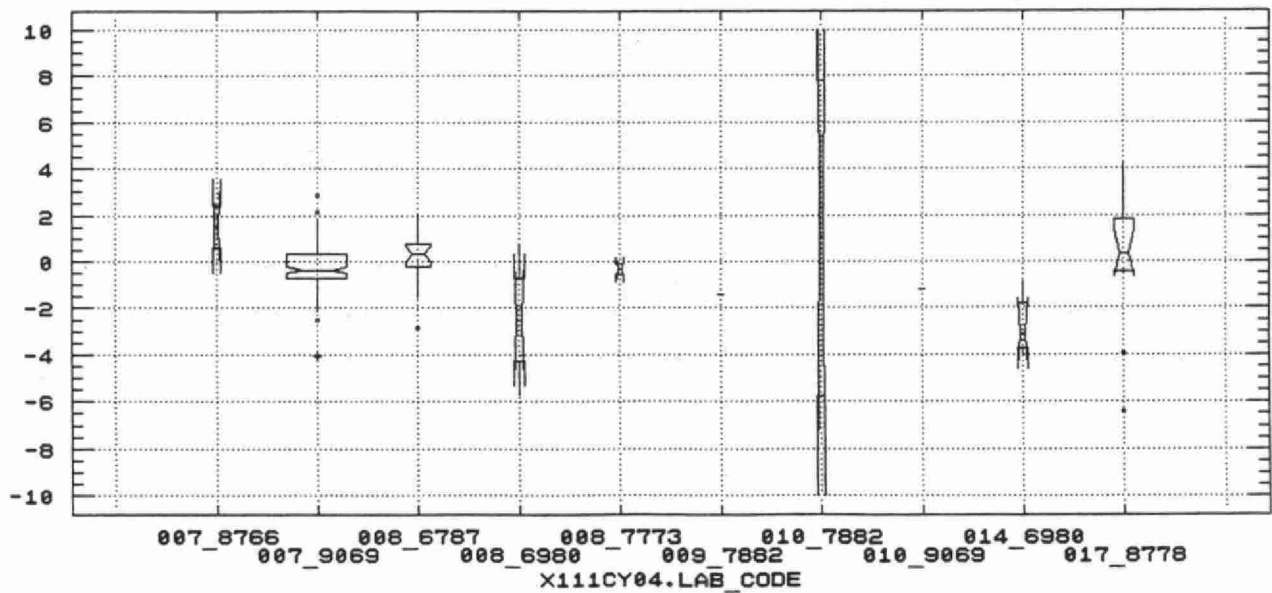
TRAVELLING SPIKED BLANKS

X111CY03.DIFF



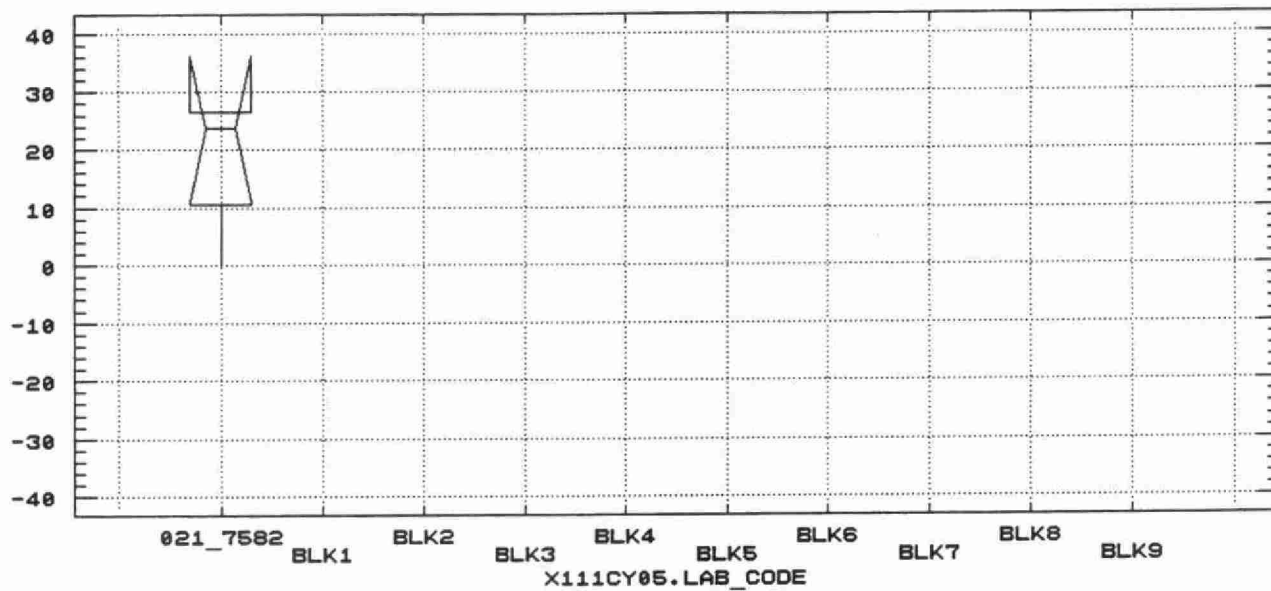
TRAVELLING SPIKED BLANKS

X111CY04.DIFF



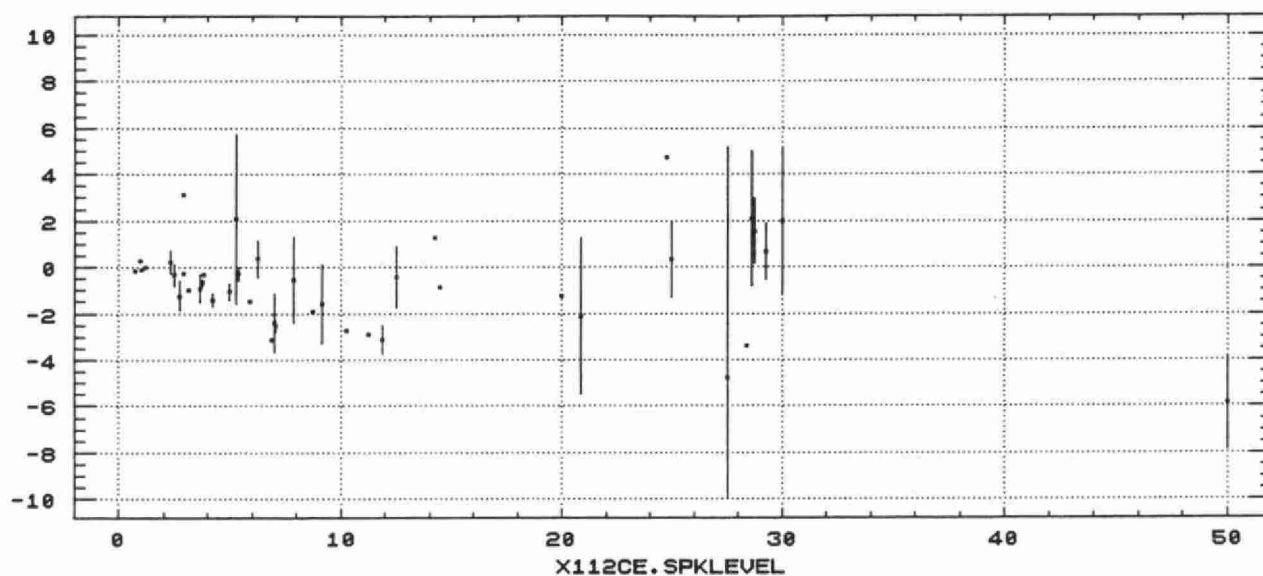
TRAVELLING SPIKED BLANKS

X111CY05.DIFF



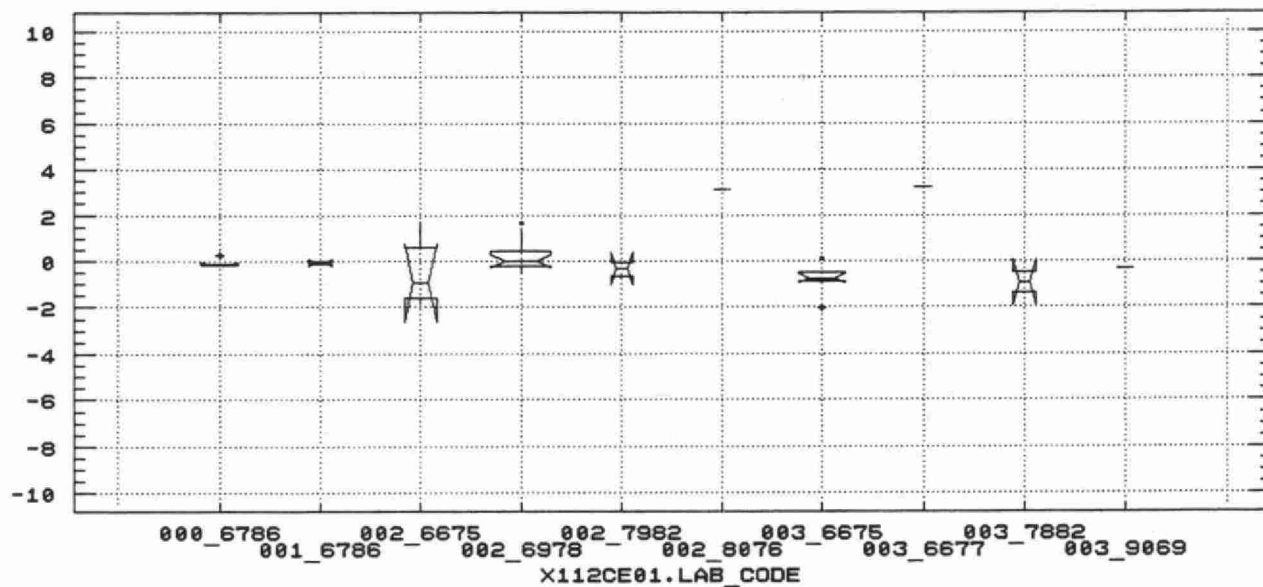
TRAVELLING SPIKED BLANKS

X112CE.AUG



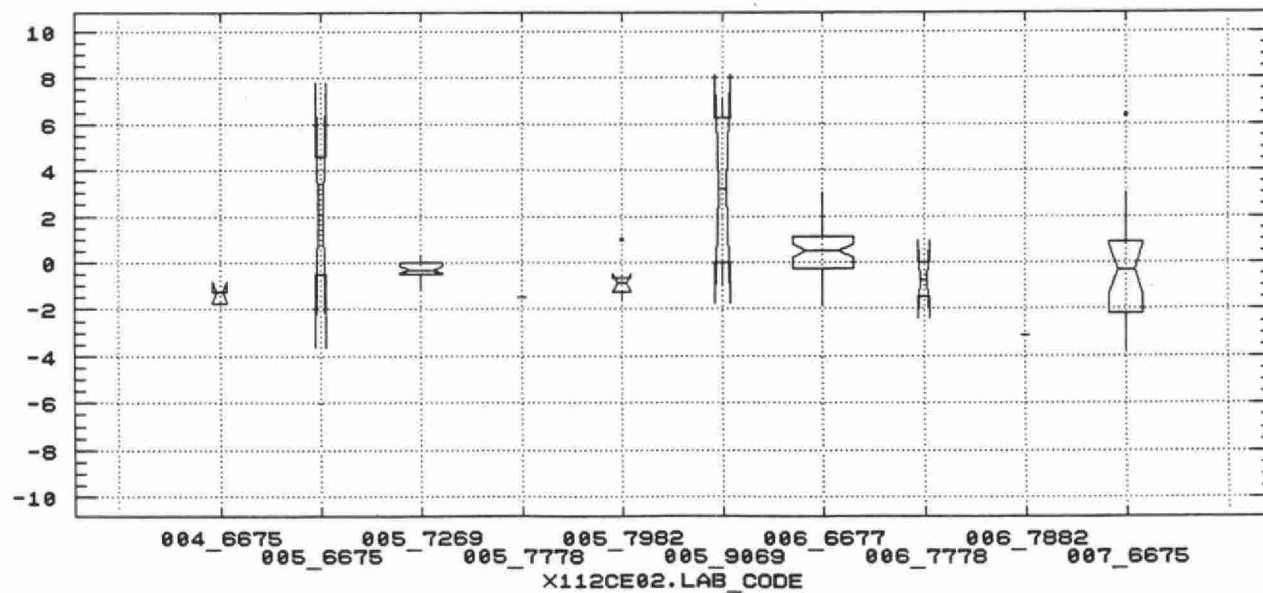
TRAVELLING SPIKED BLANKS

X112CE01.DIFF



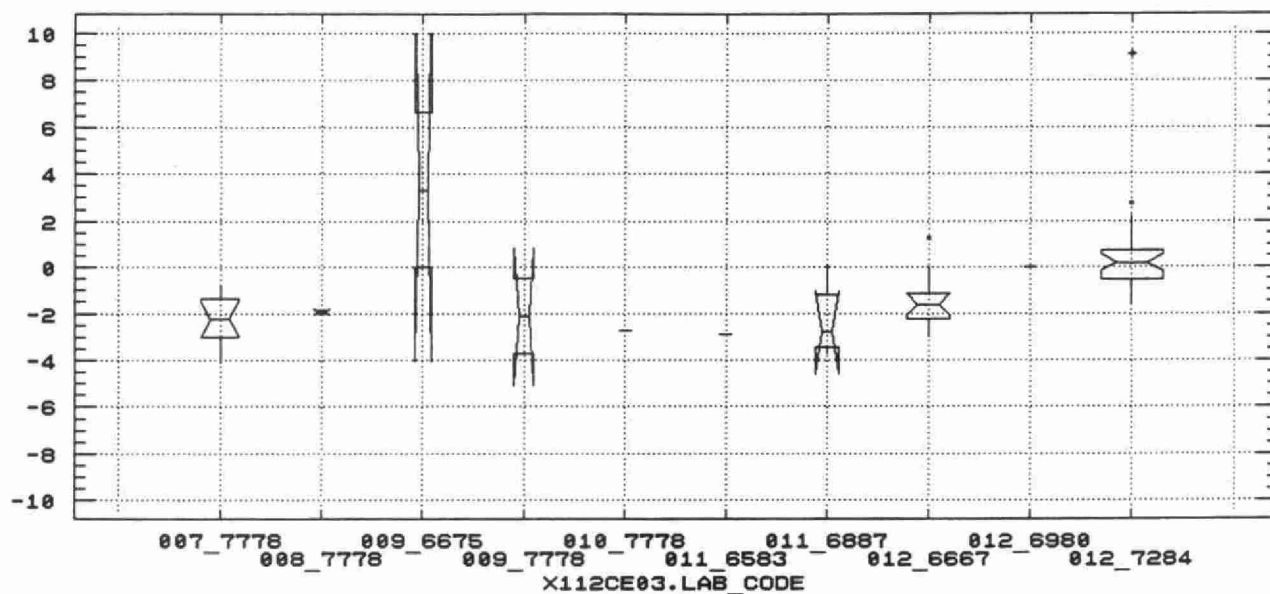
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X112CE02.DIFF



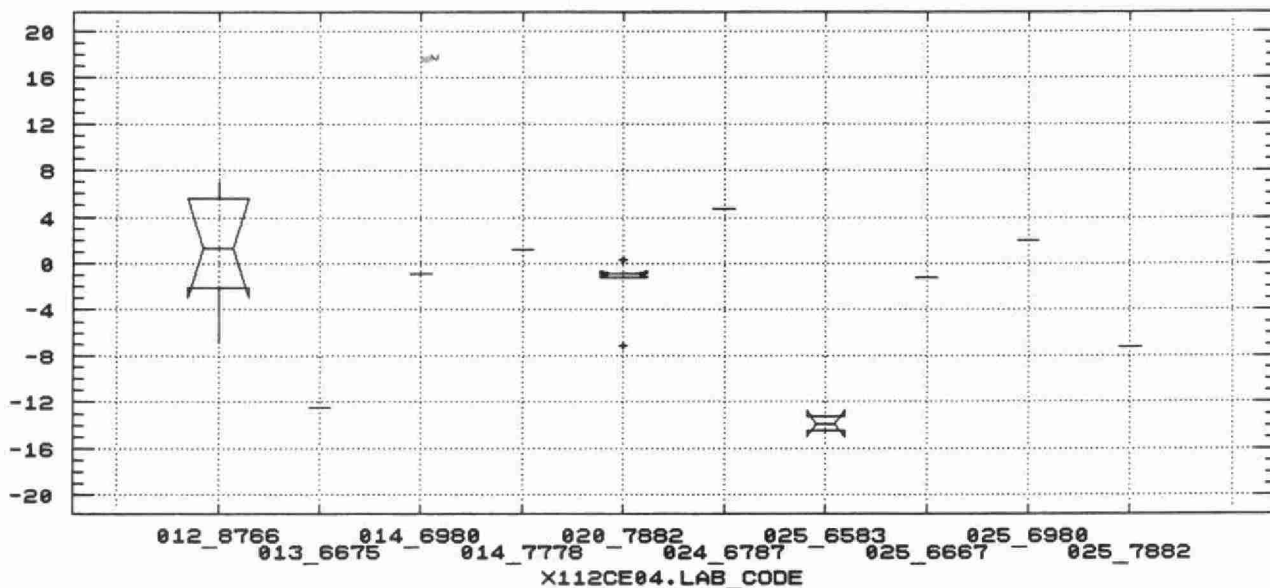
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X112CE03.DIFF



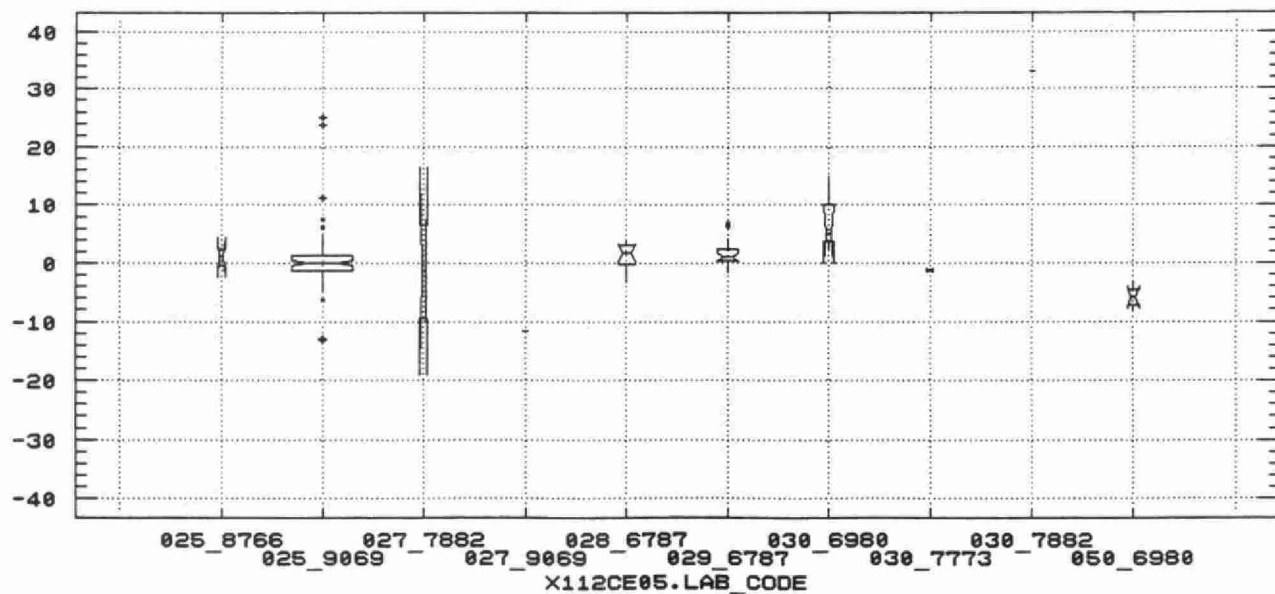
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X112CE04.DIFF

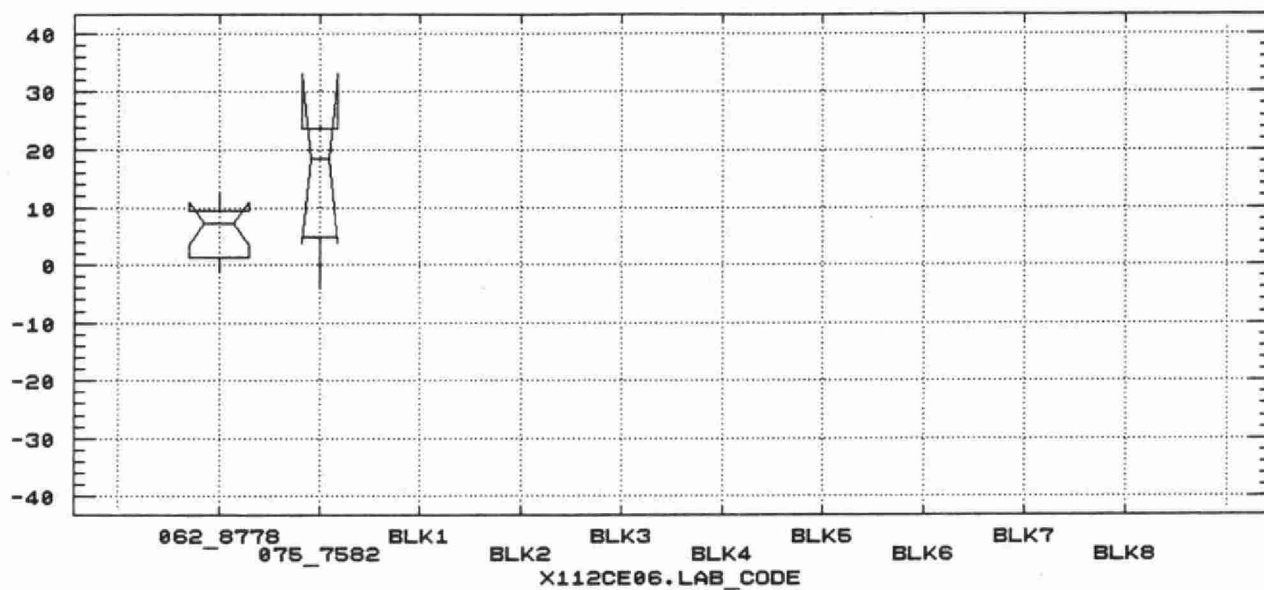


TRAVELLING SPIKED BLANKS

X112CE05.DIFF

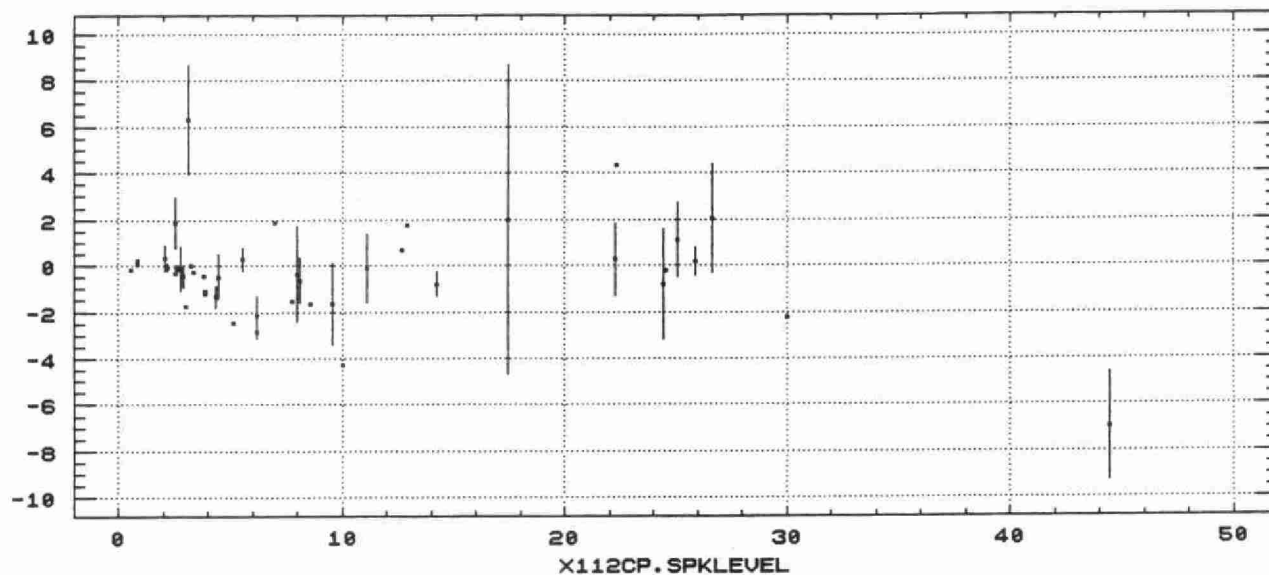


X112CE06.DIFF



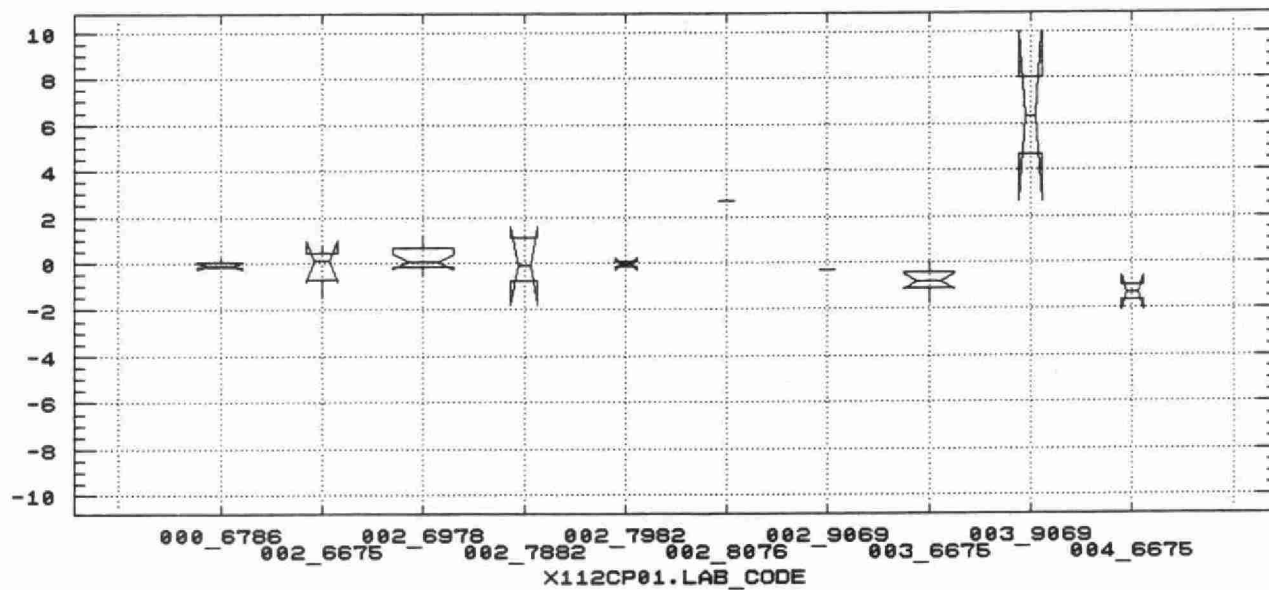
TRAVELLING SPIKED BLANKS

X112CP.AVG



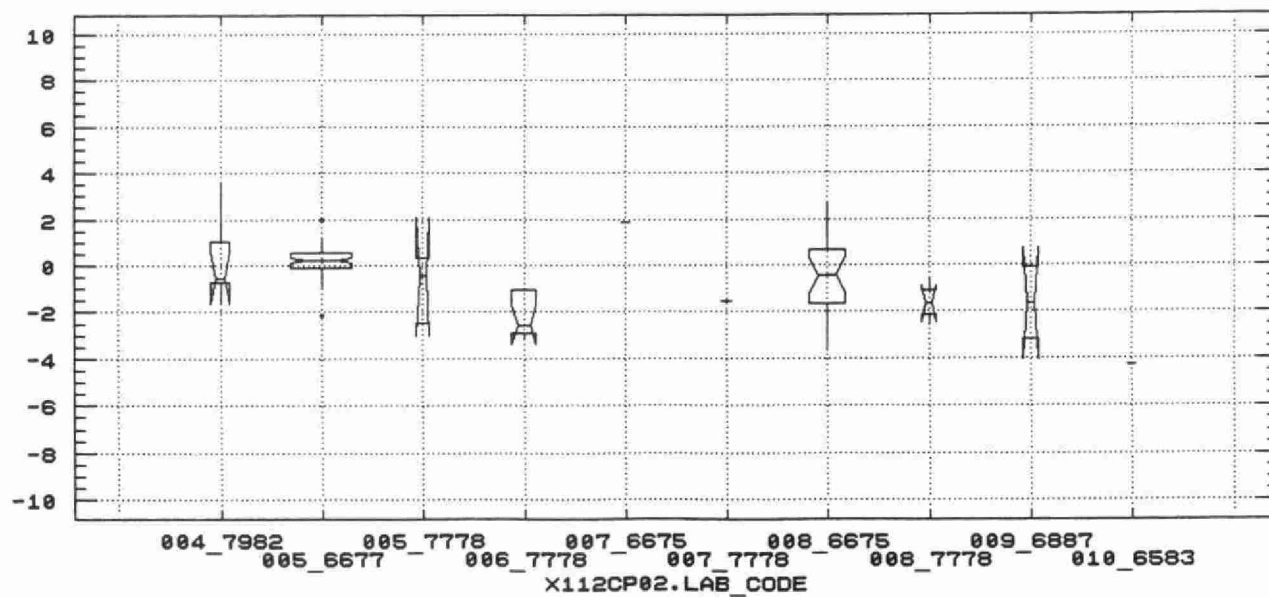
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X112CP01.DIFF



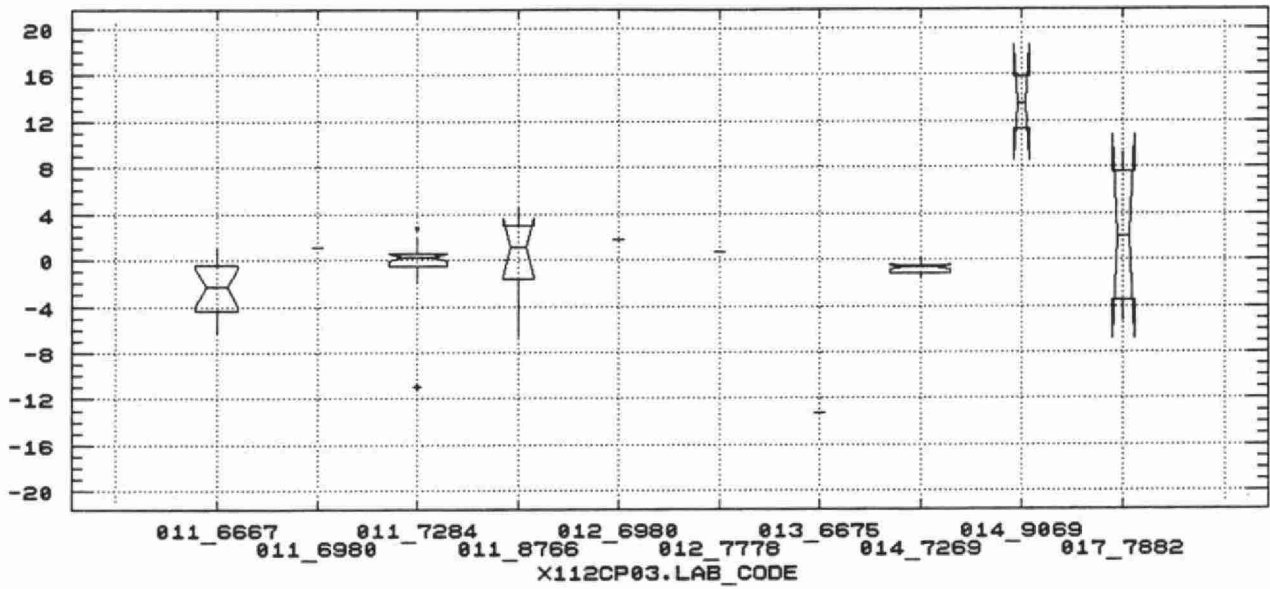
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X112CP02.DIFF



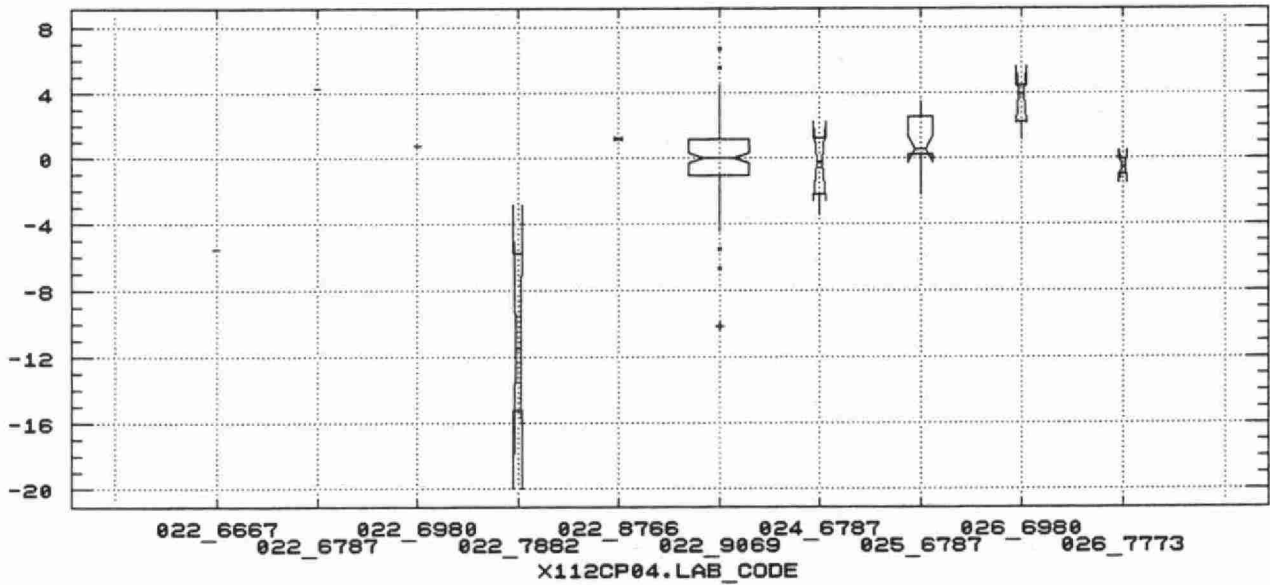
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X112CP03.DIFF



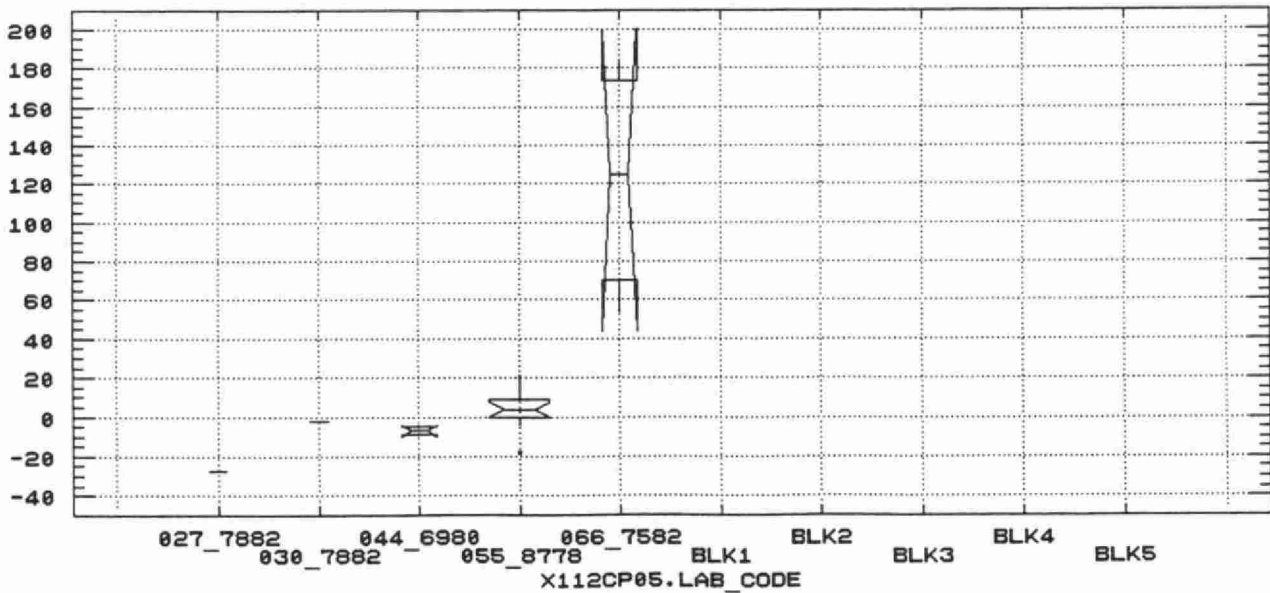
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X112CP04.DIFF



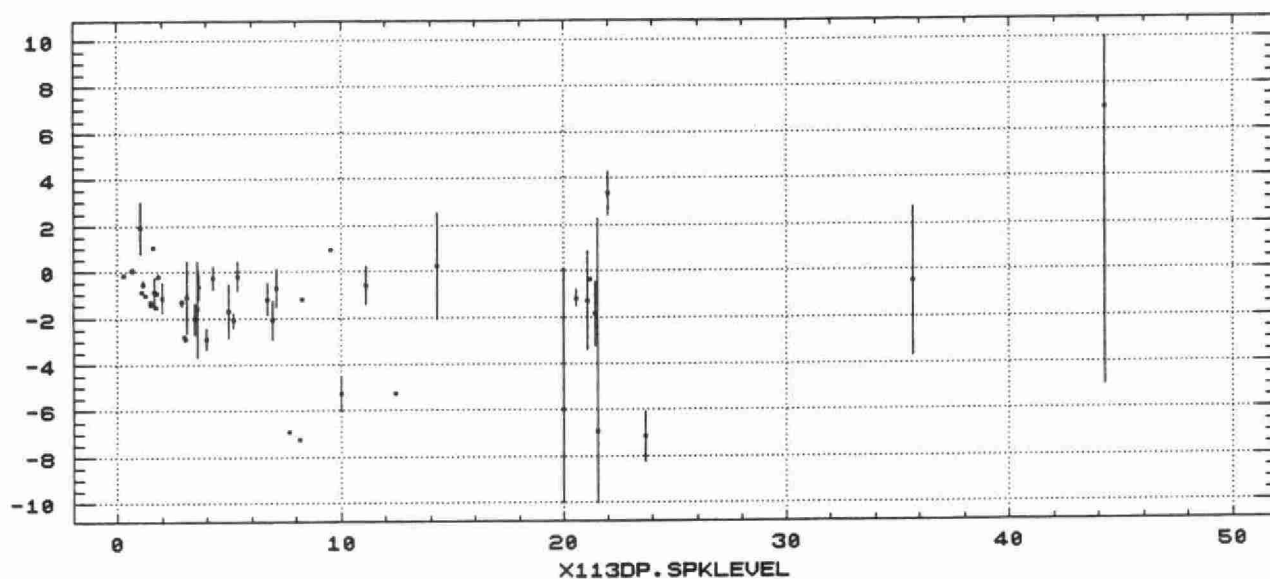
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X112CP05.DIFF



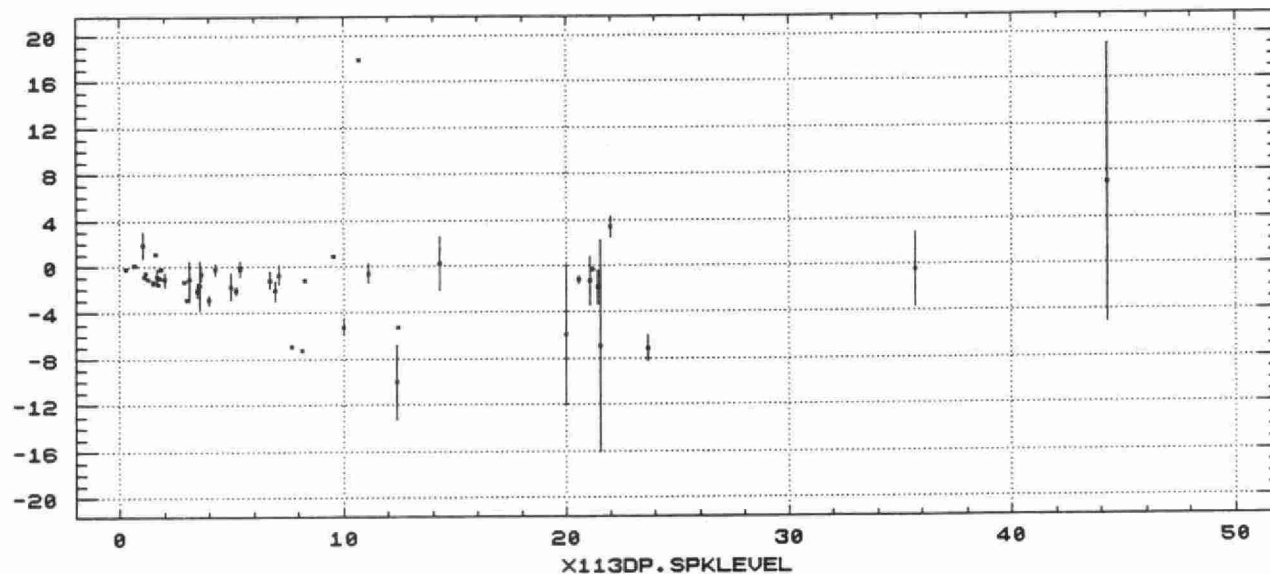
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X113DP.AVG



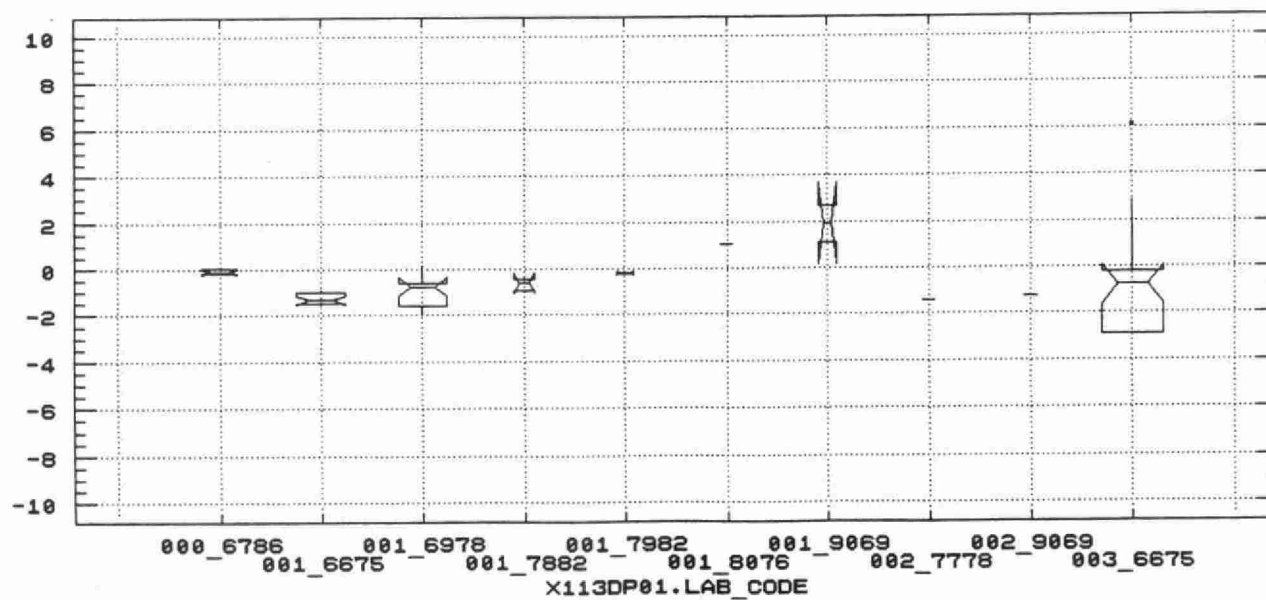
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X113DP.AVG



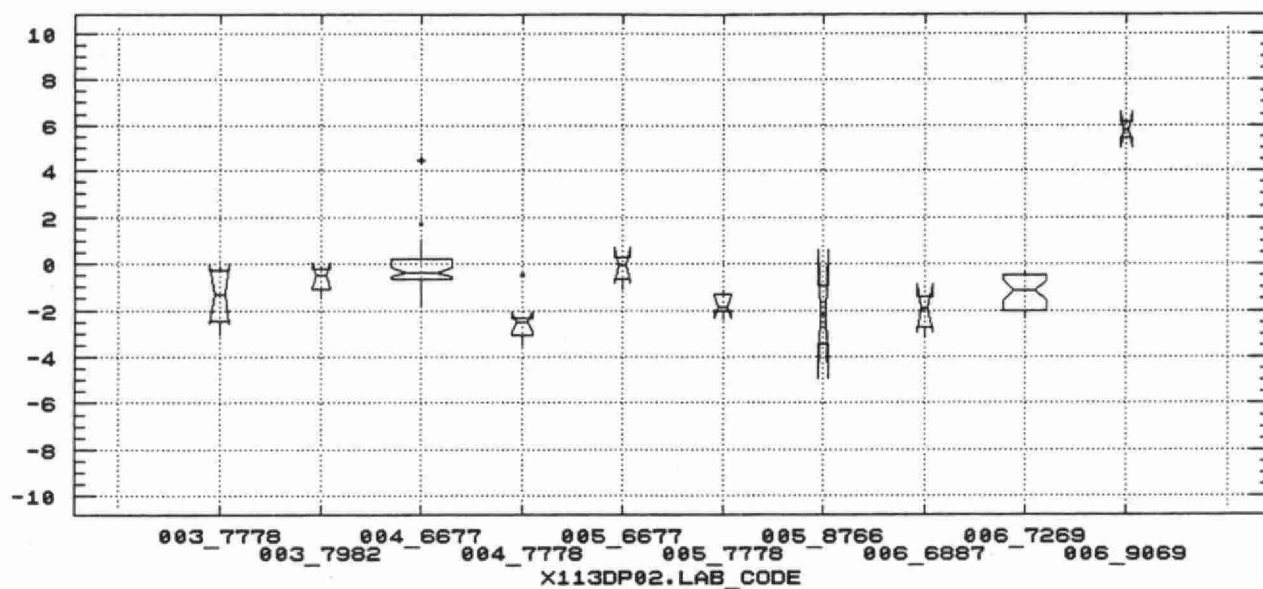
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X113DP01.DIFF



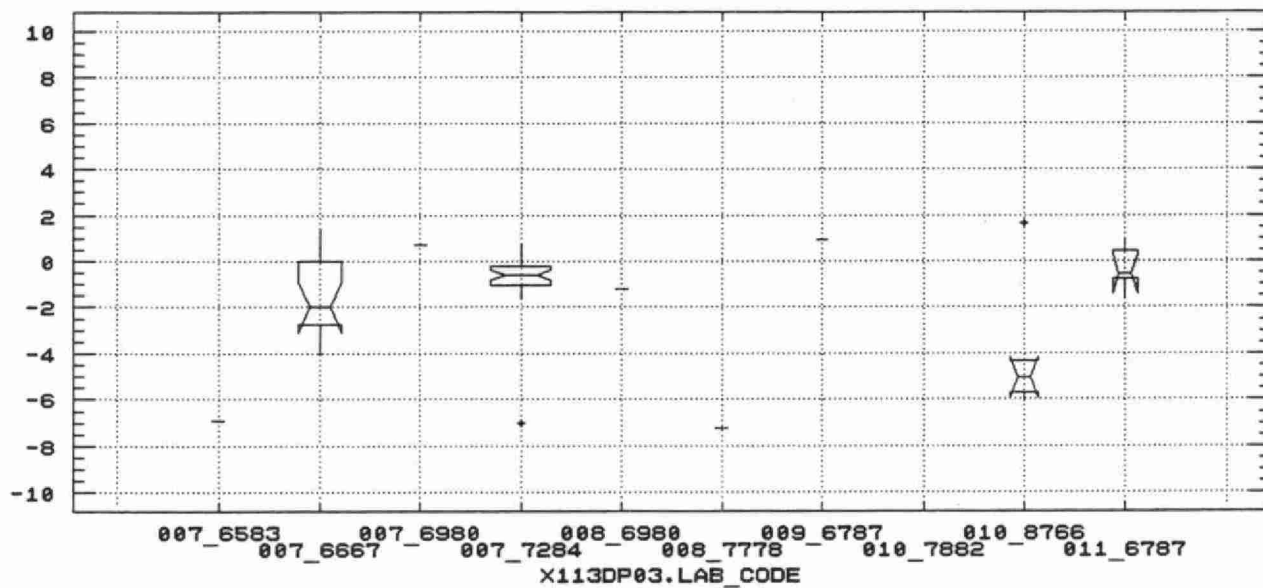
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X113DP02.DIFF



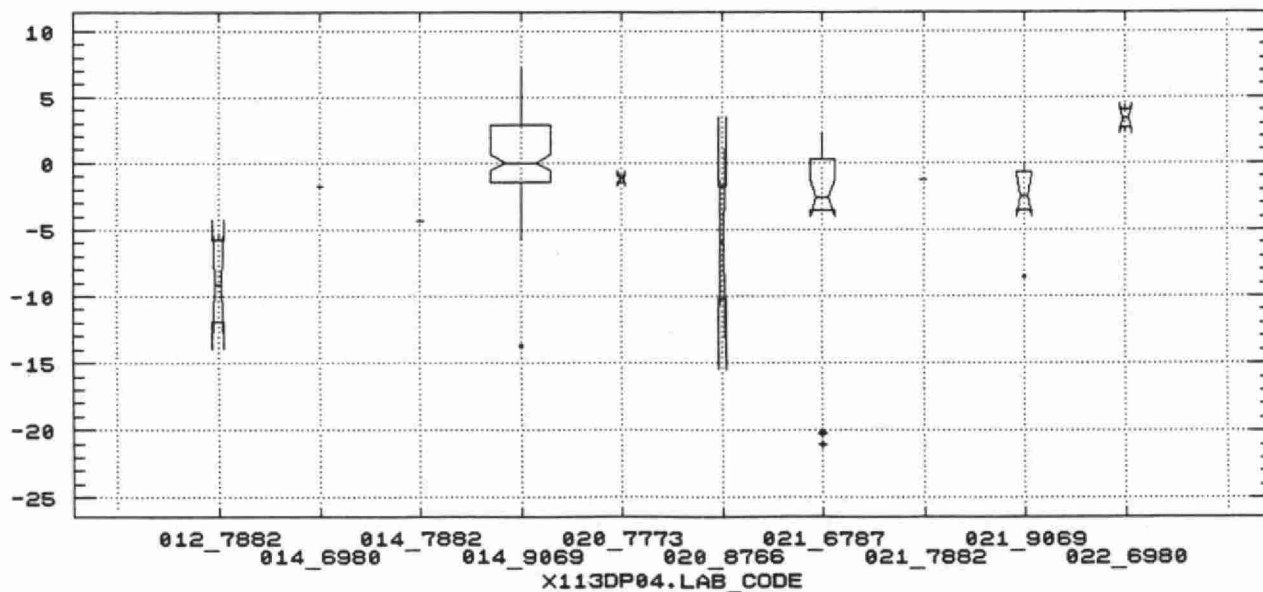
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X113DP03.DIFF



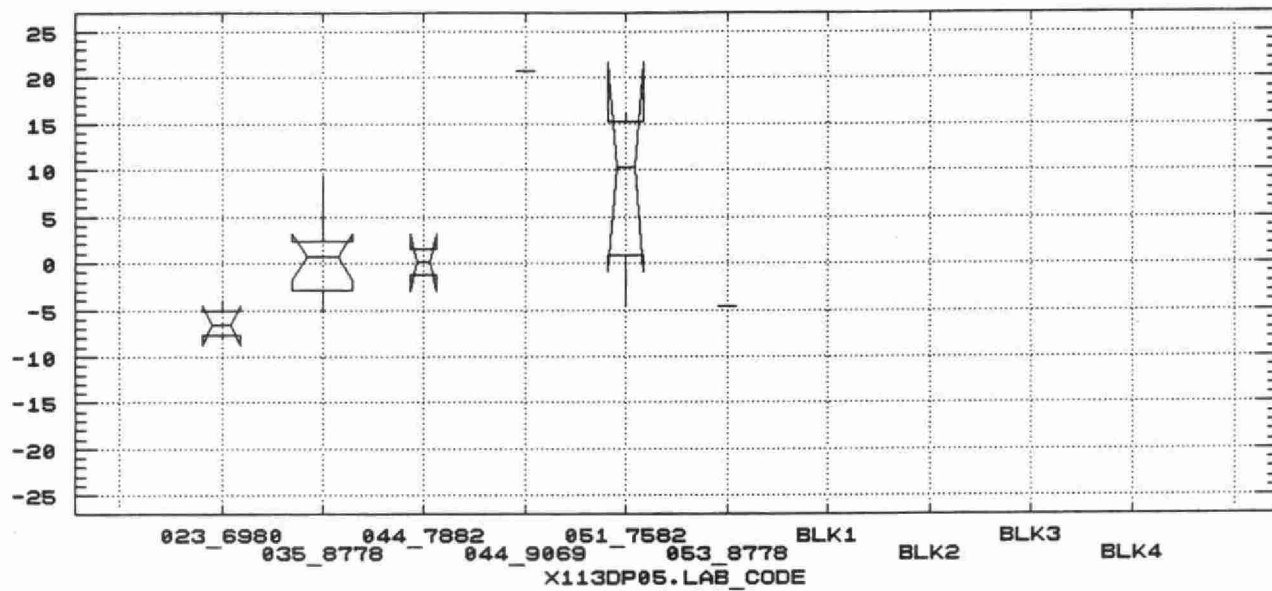
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X113DP04.DIFF



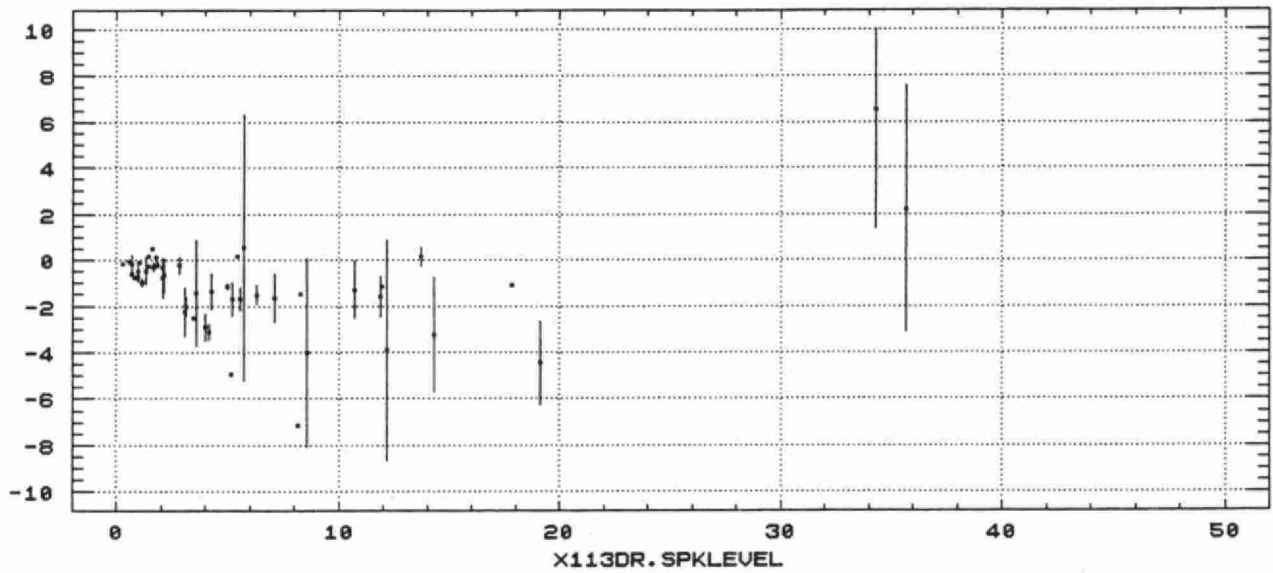
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X113DP05.DIFF



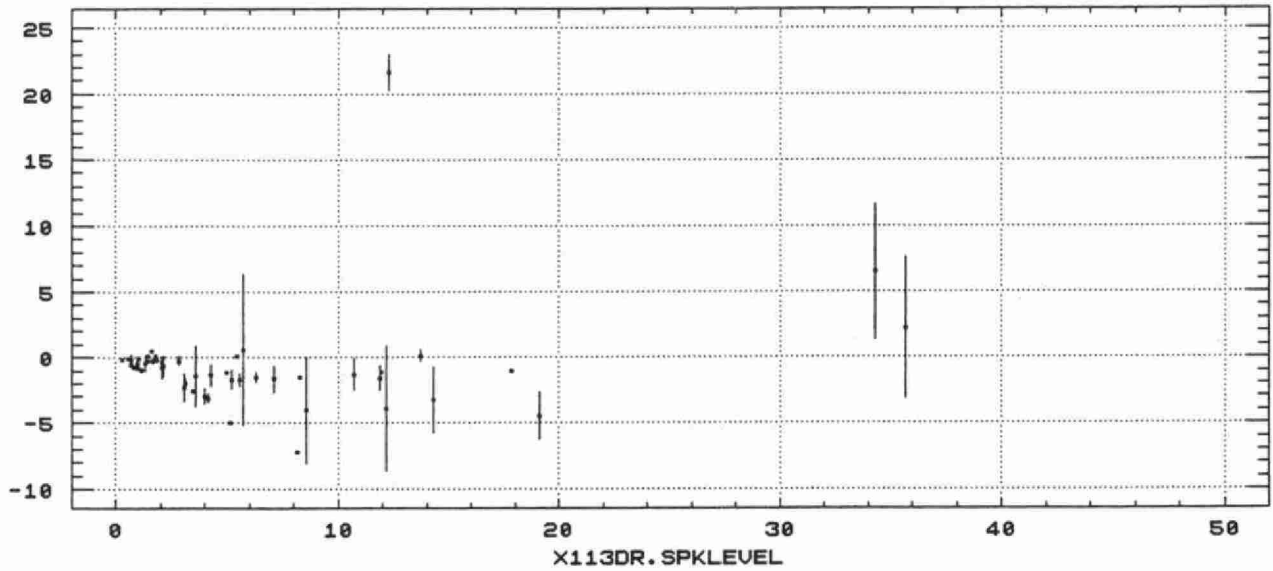
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X113DR.AVG



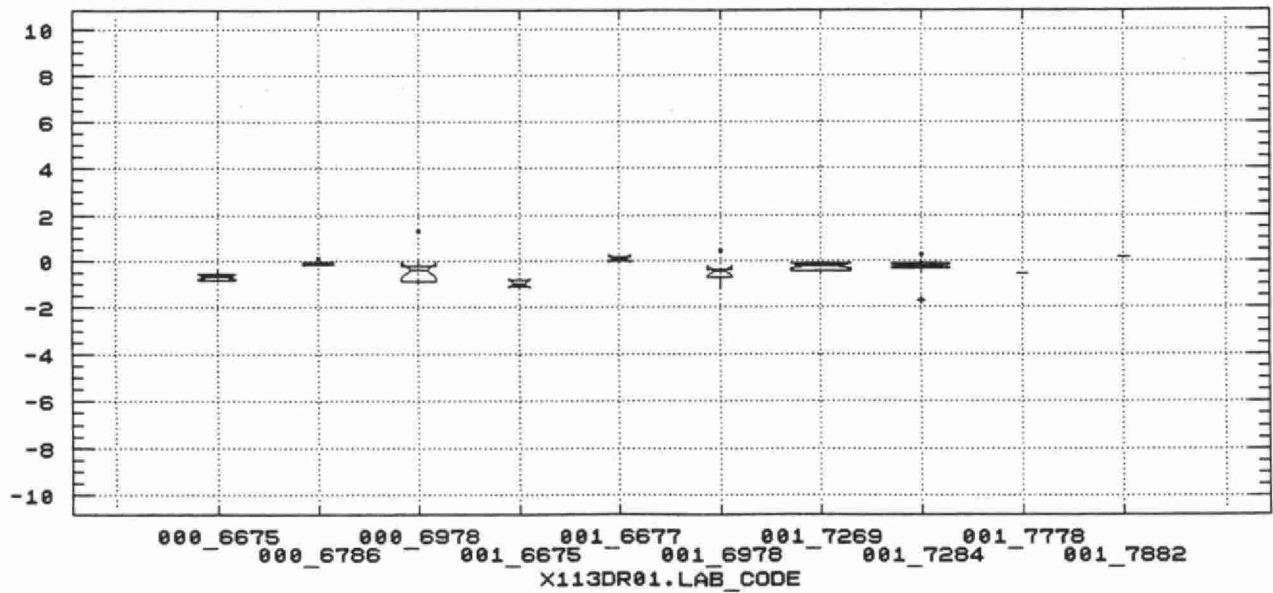
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X113DR.AVG



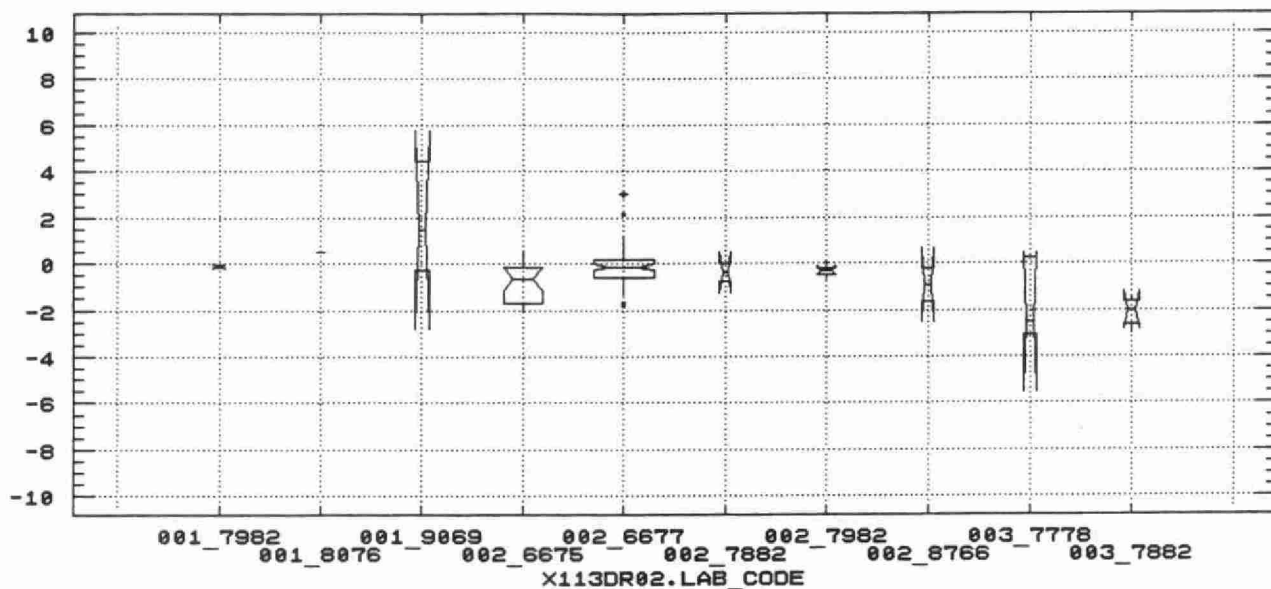
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X113DR01.DIFF



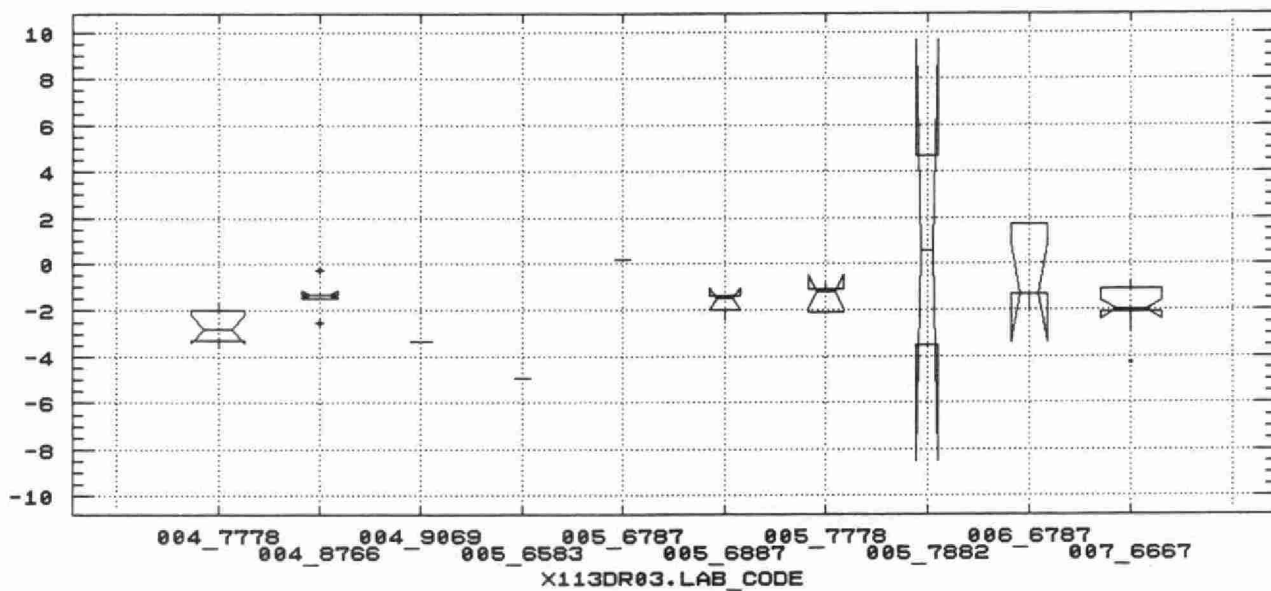
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X113DR02.DIFF



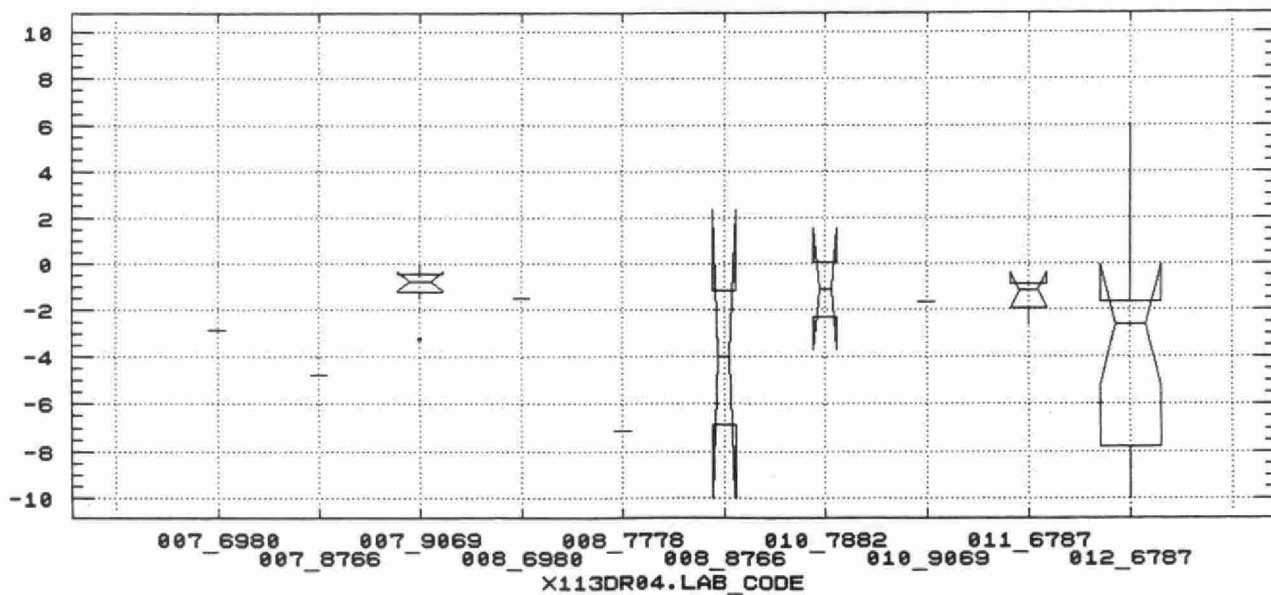
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X113DR03.DIFF



TRAVELLING SPIKED BLANKS

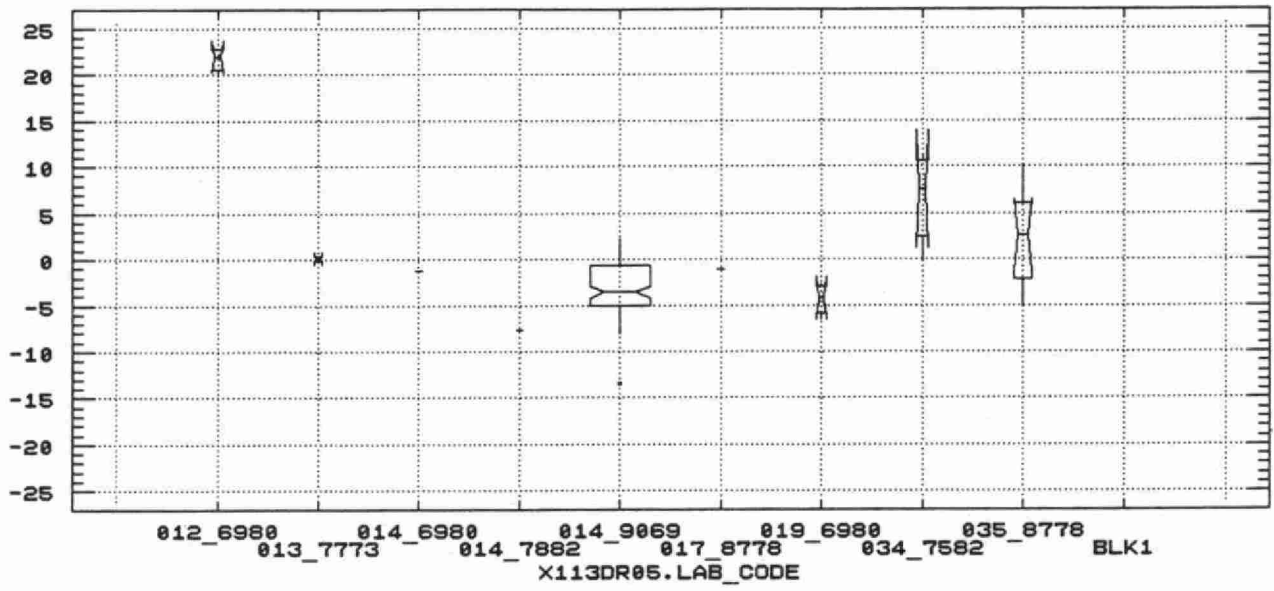
X113DR04.DIFF



TRAVELLING SPIKED BLANKS

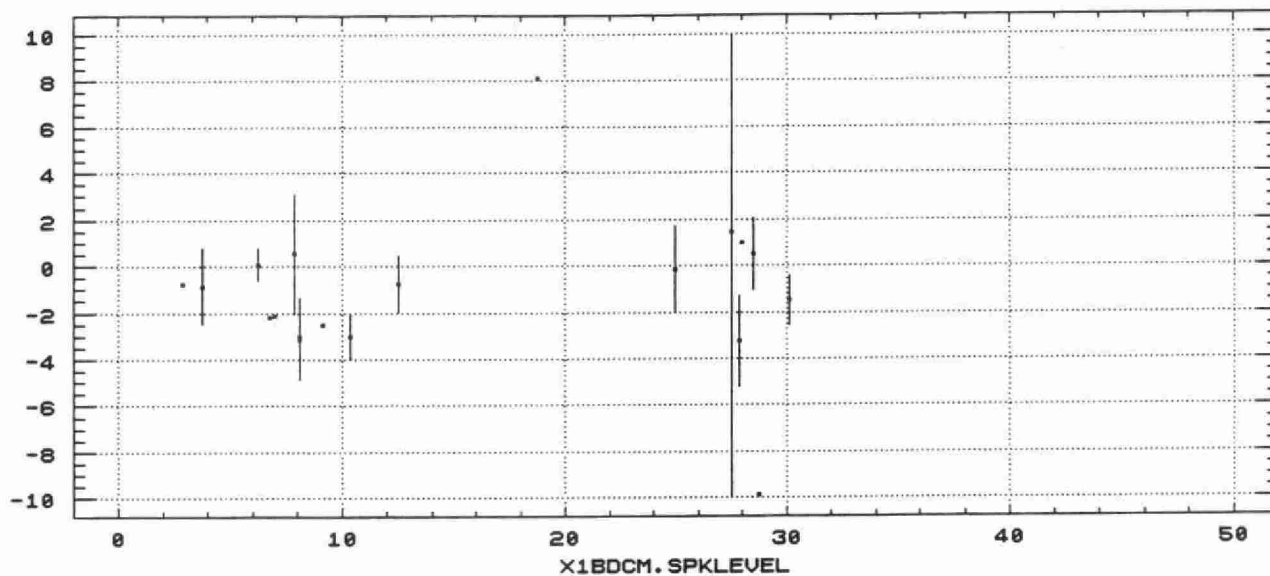
305

X113DR05.DIFF



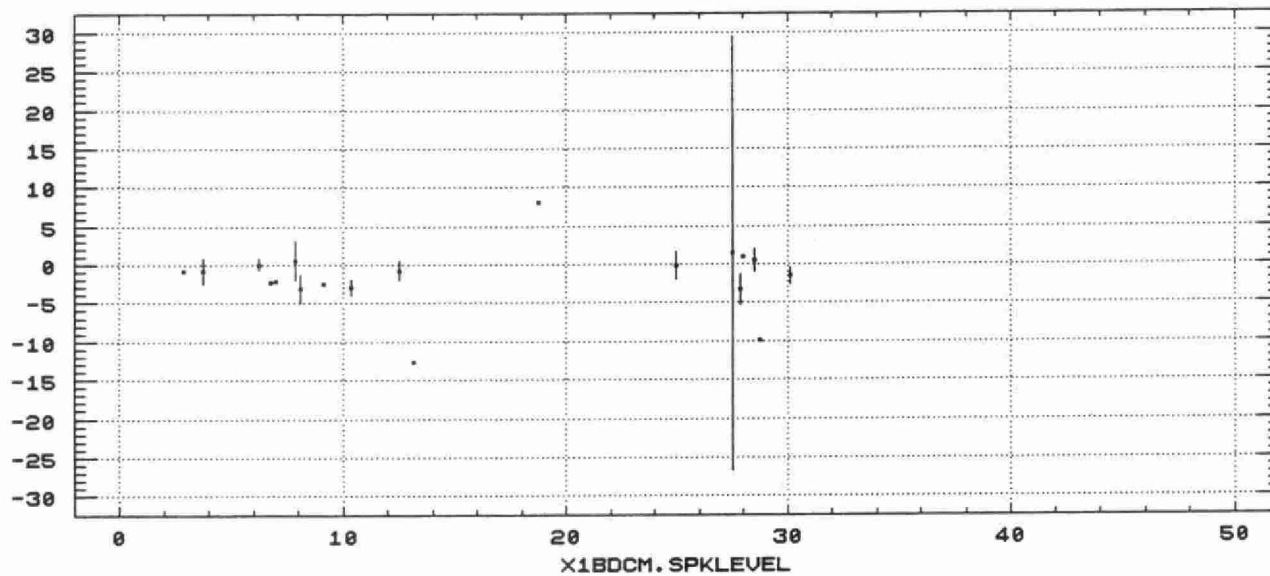
TRAVELLING SPIKED BLANKS

X1BDCM.AVG



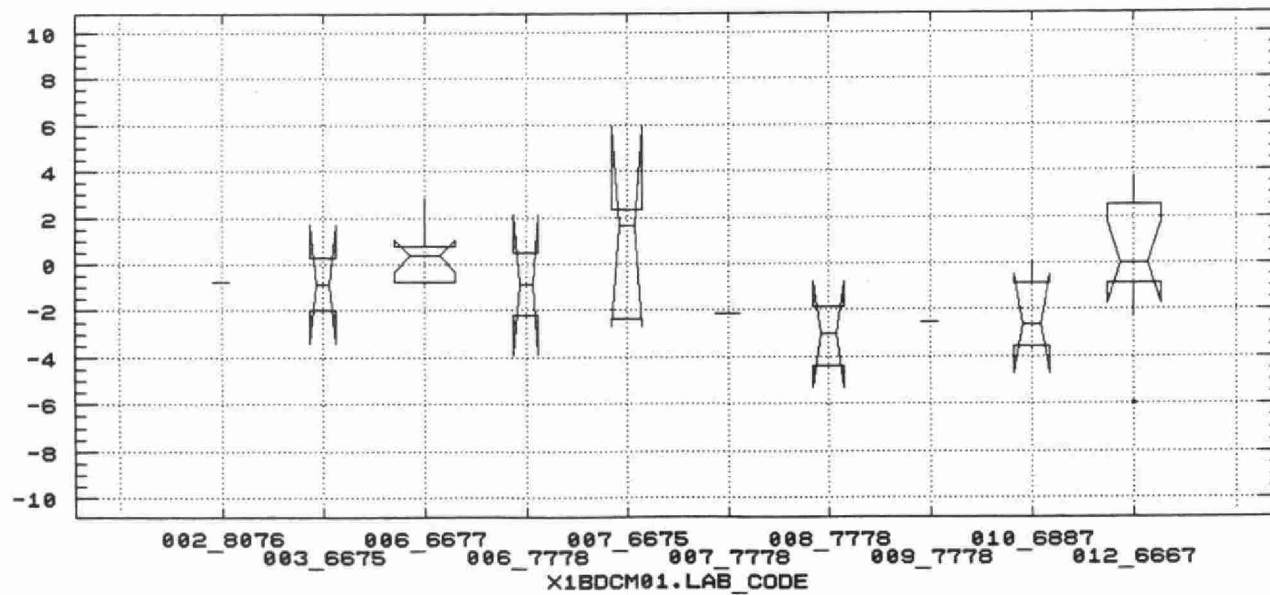
TRAVELLING SPIKED BLANKS

X1BDCM.AVG



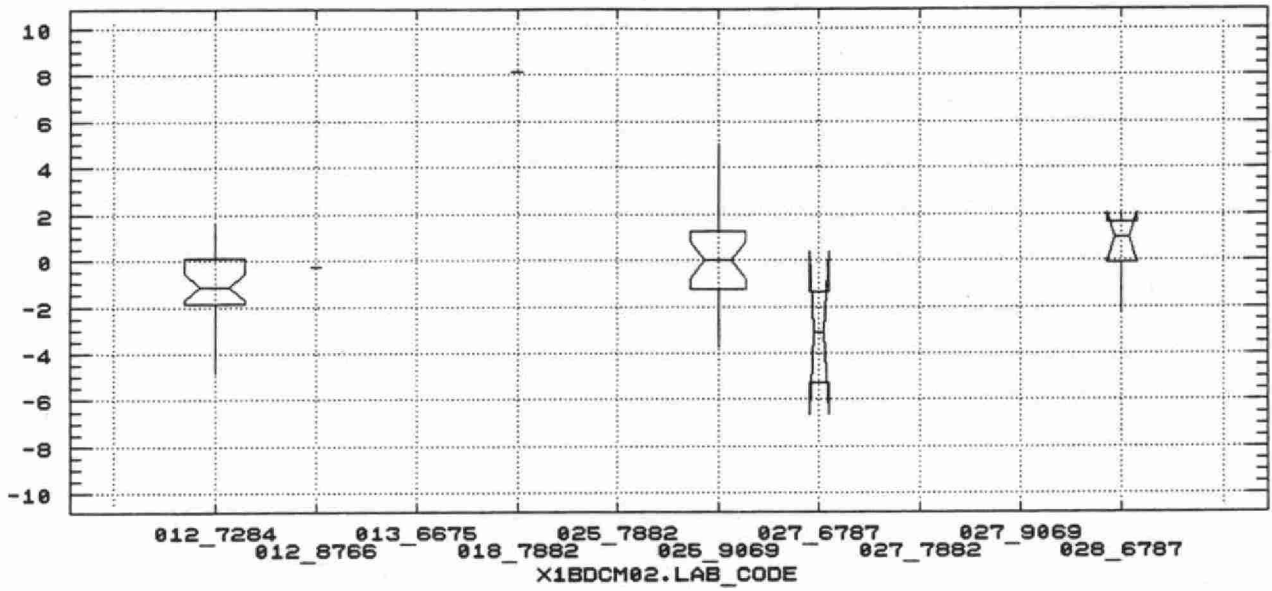
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X1BDCM01.DIFF



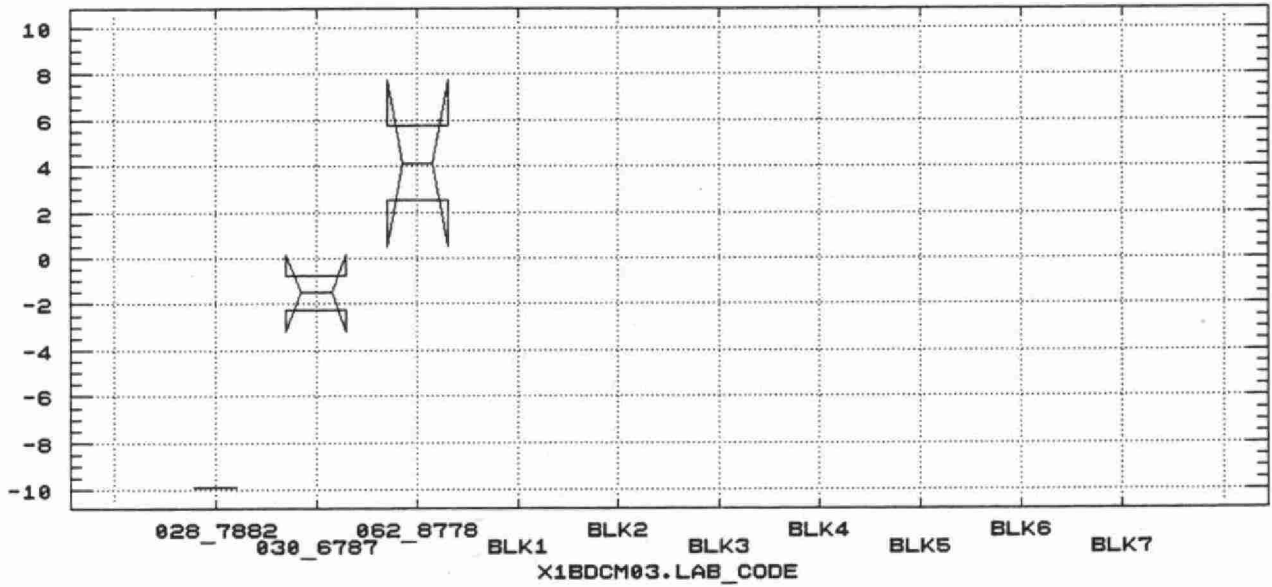
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X1BDCM02.DIFF



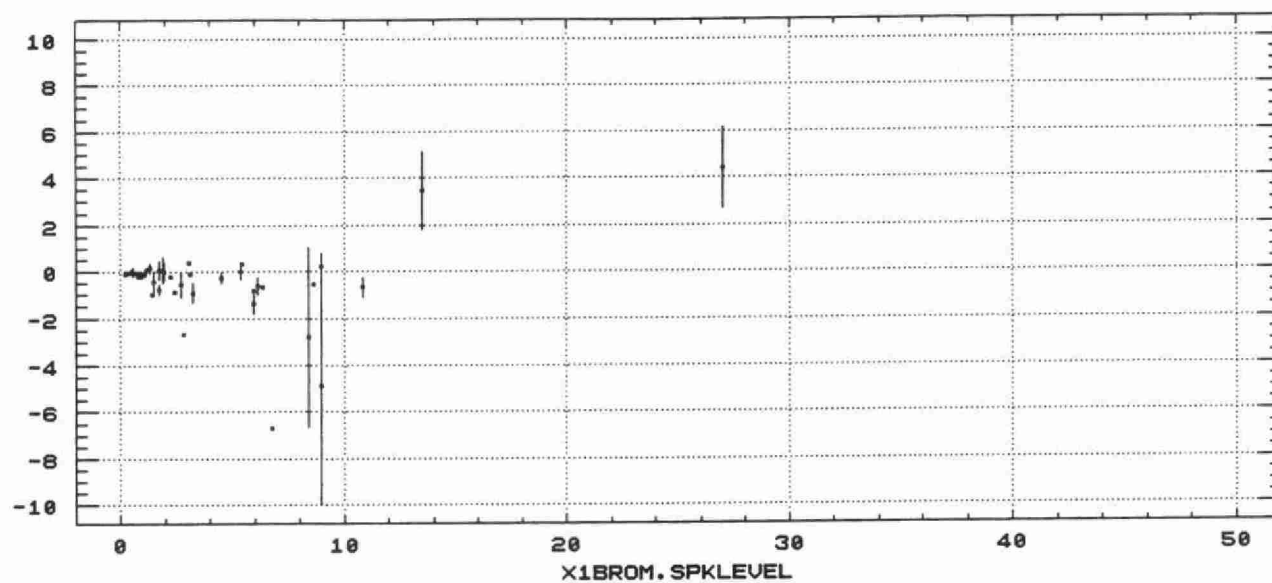
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X1BDCM03.DIFF



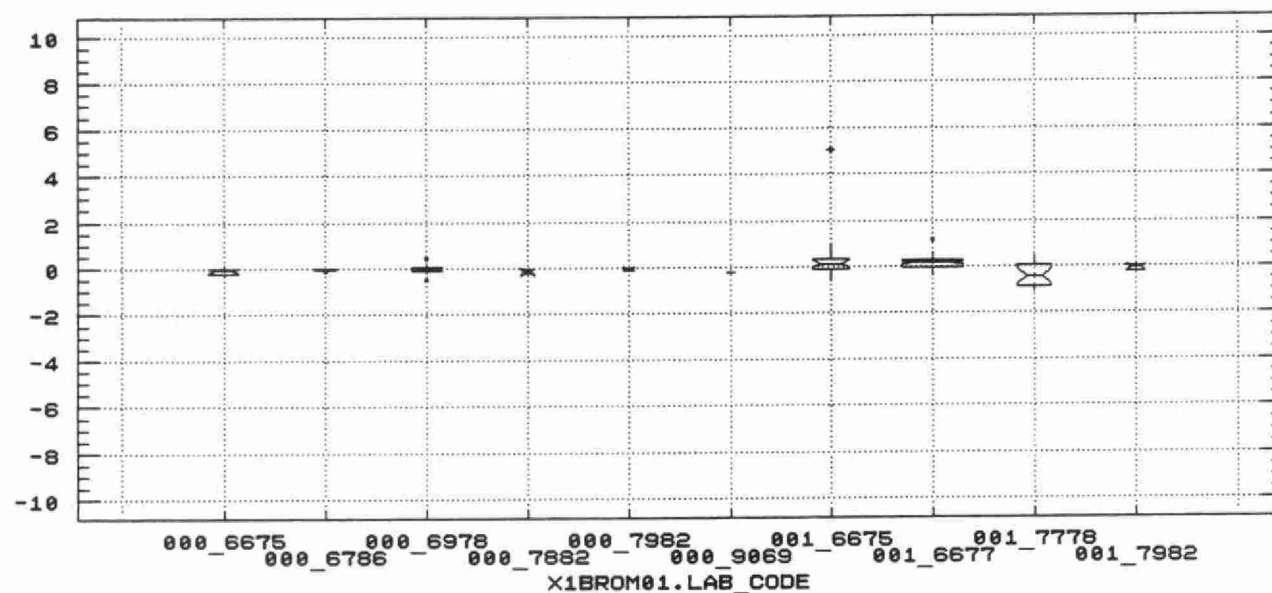
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X1BROM.AVG



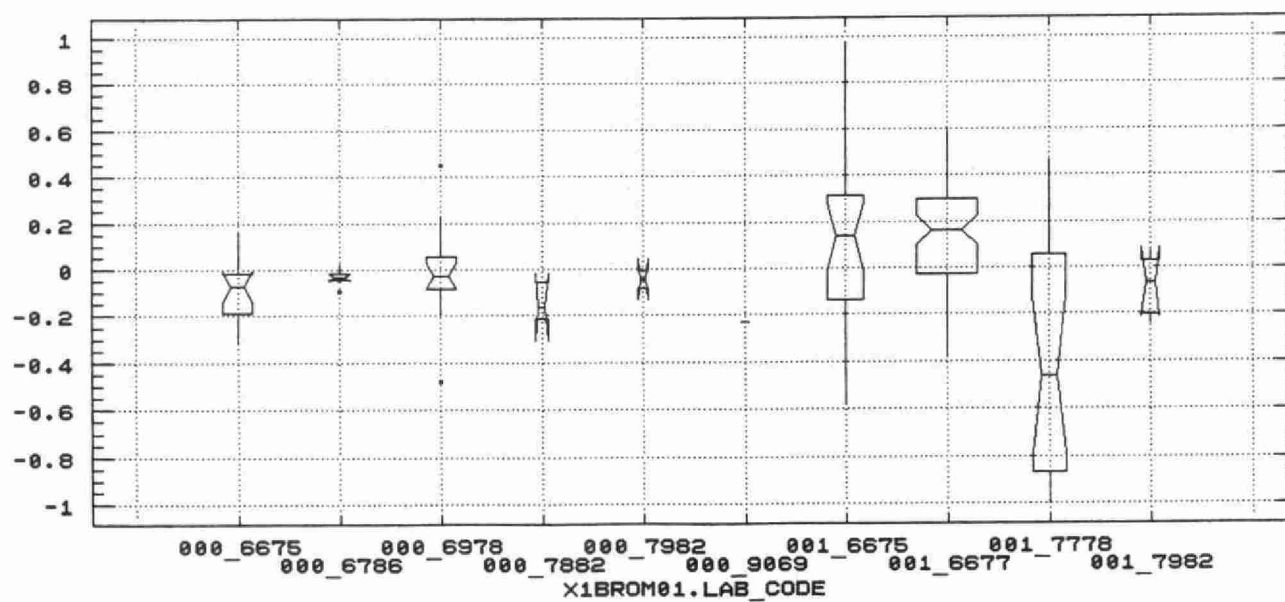
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X1BROM01.DIFF



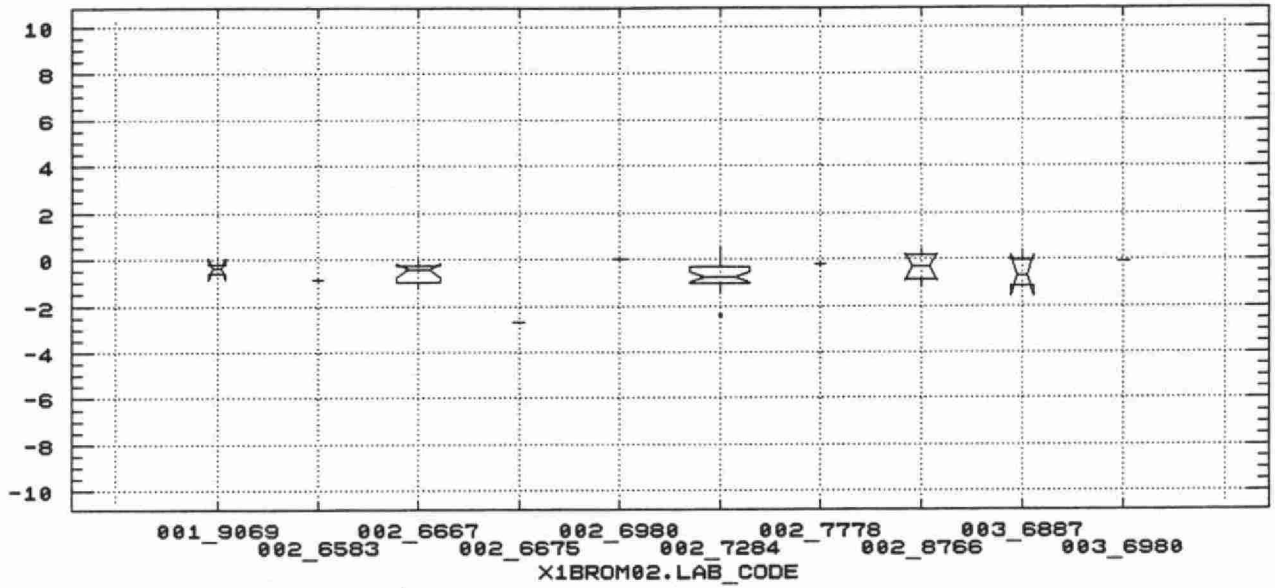
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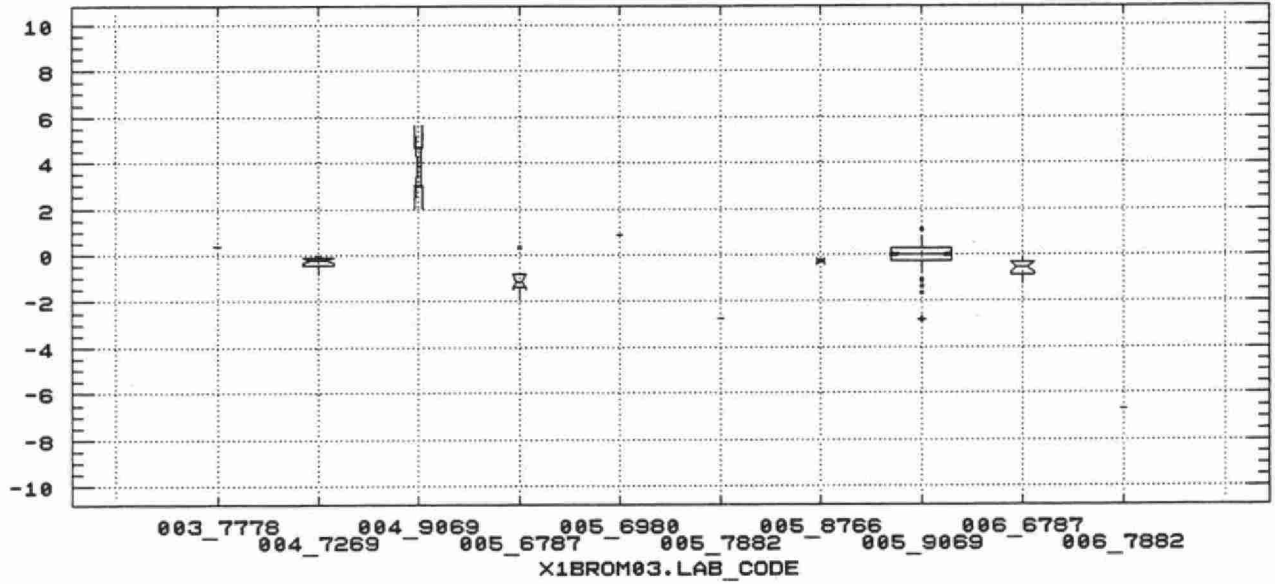
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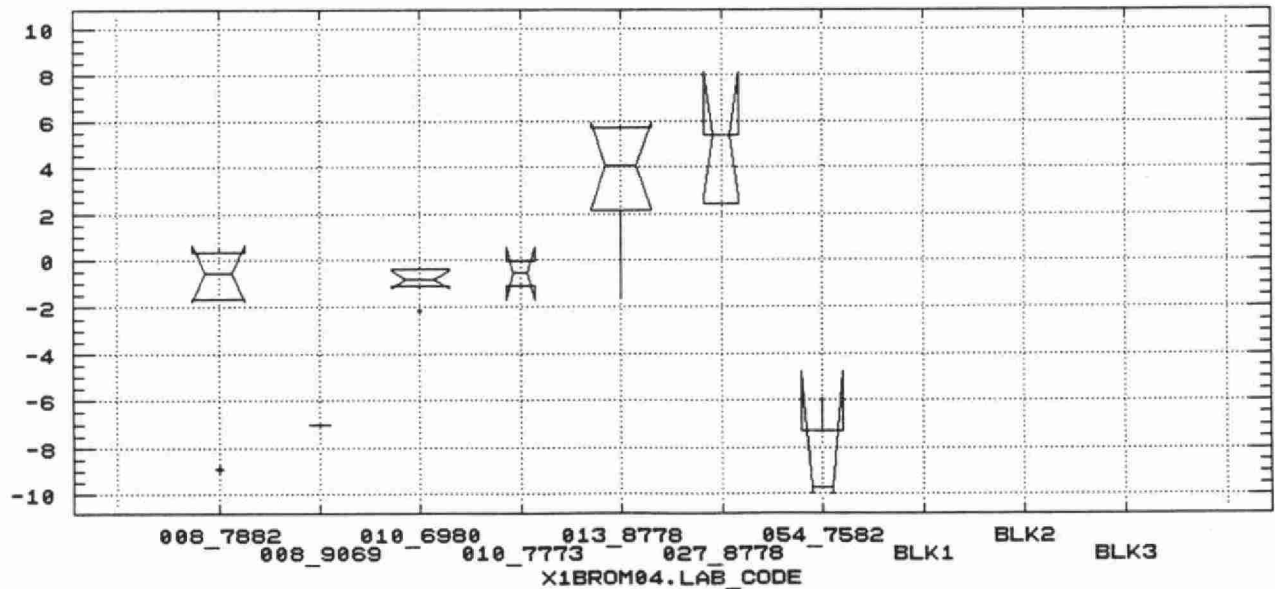
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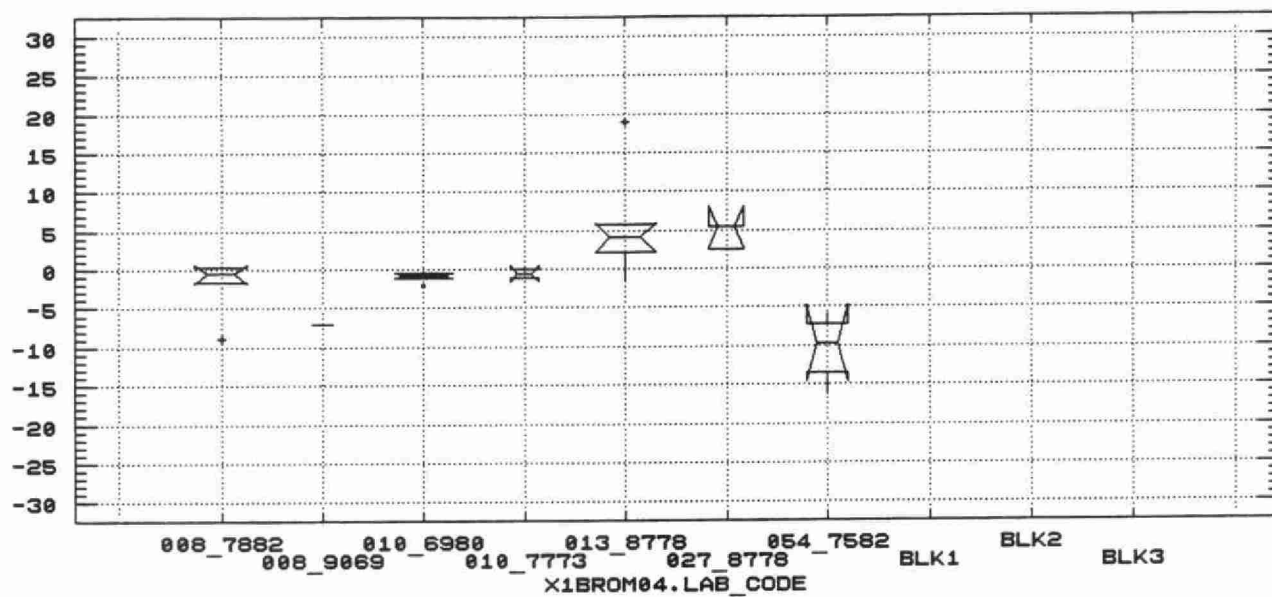
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X1BROM04.DIFF



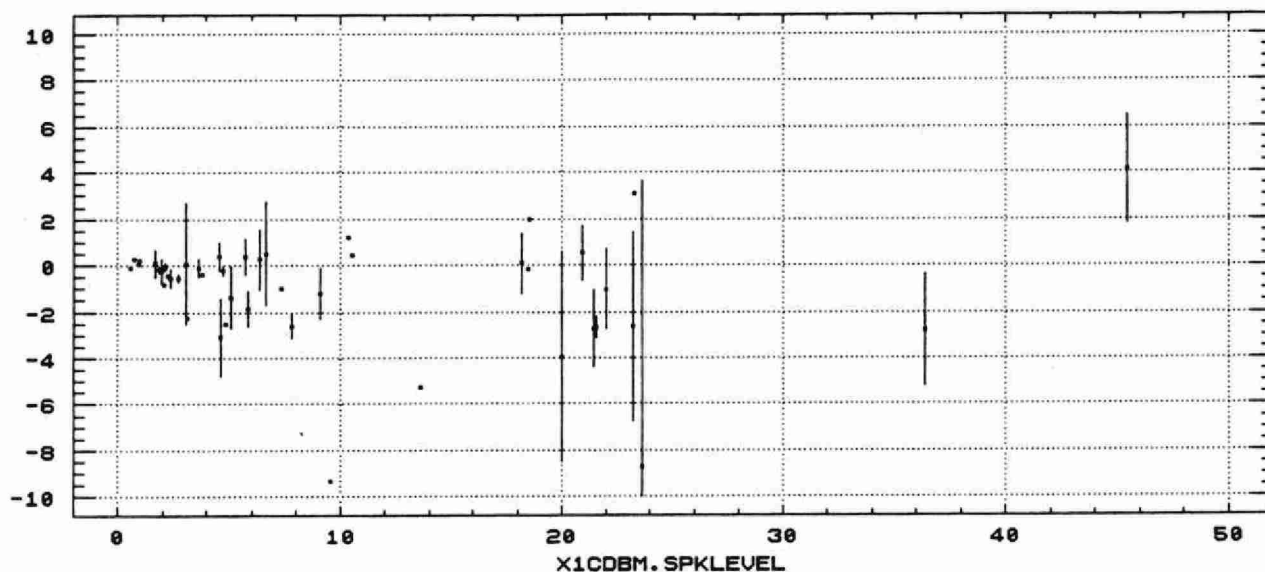
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X1BROM04.DIFF



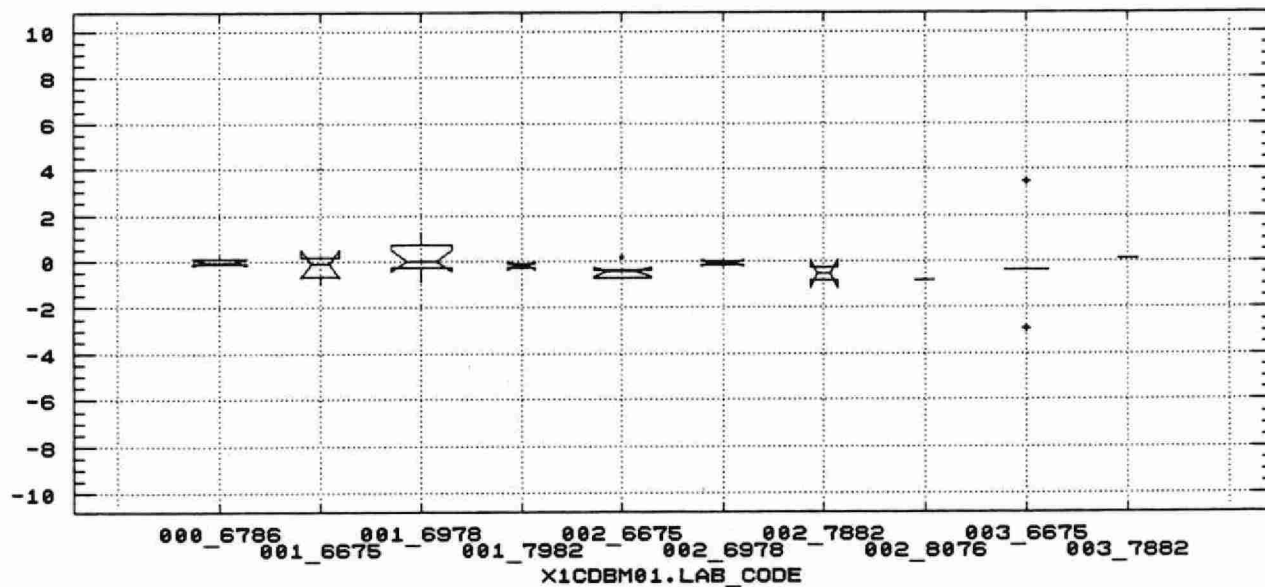
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X1CDBM.AVG



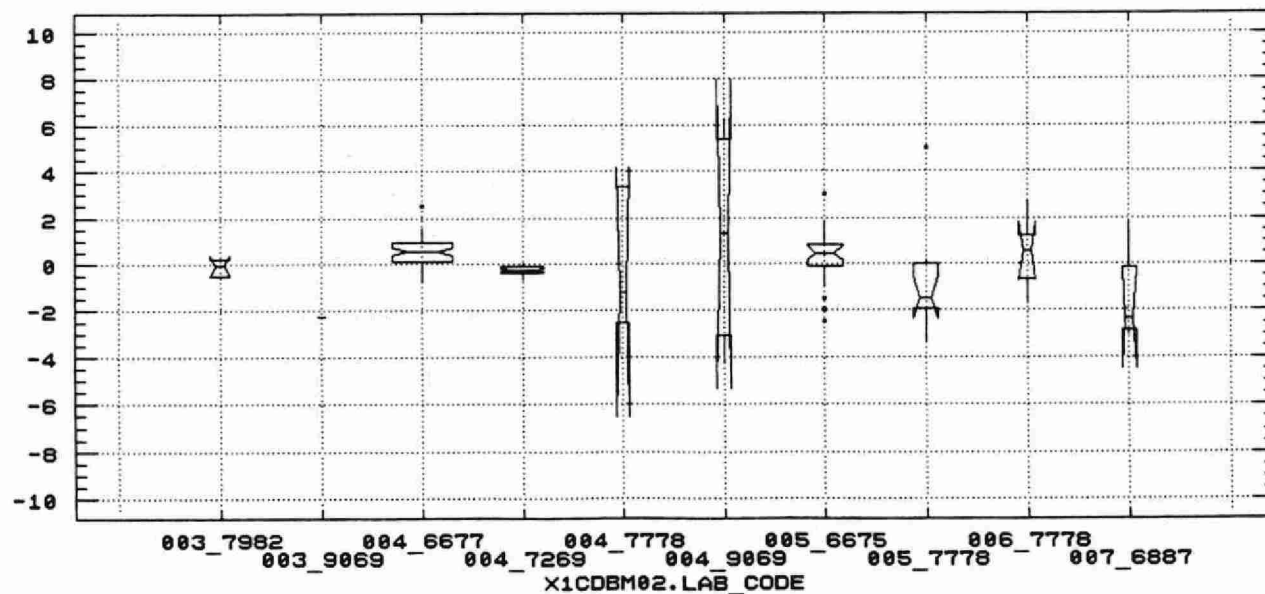
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X1CDBM01.DIFF



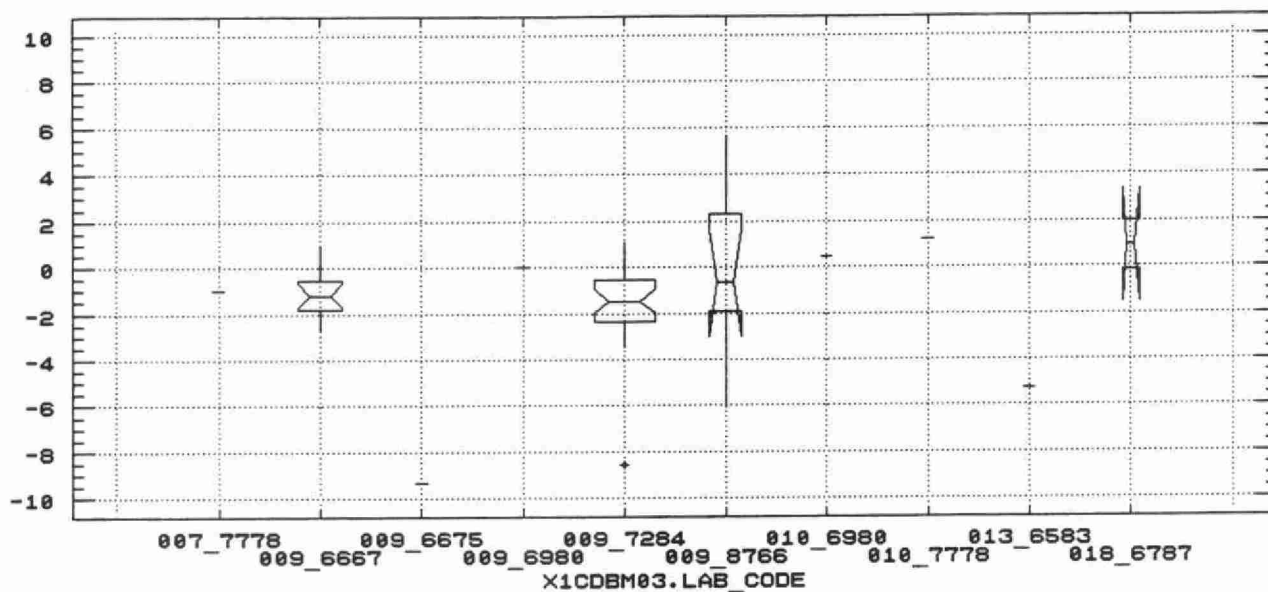
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X1CDBM02.DIFF



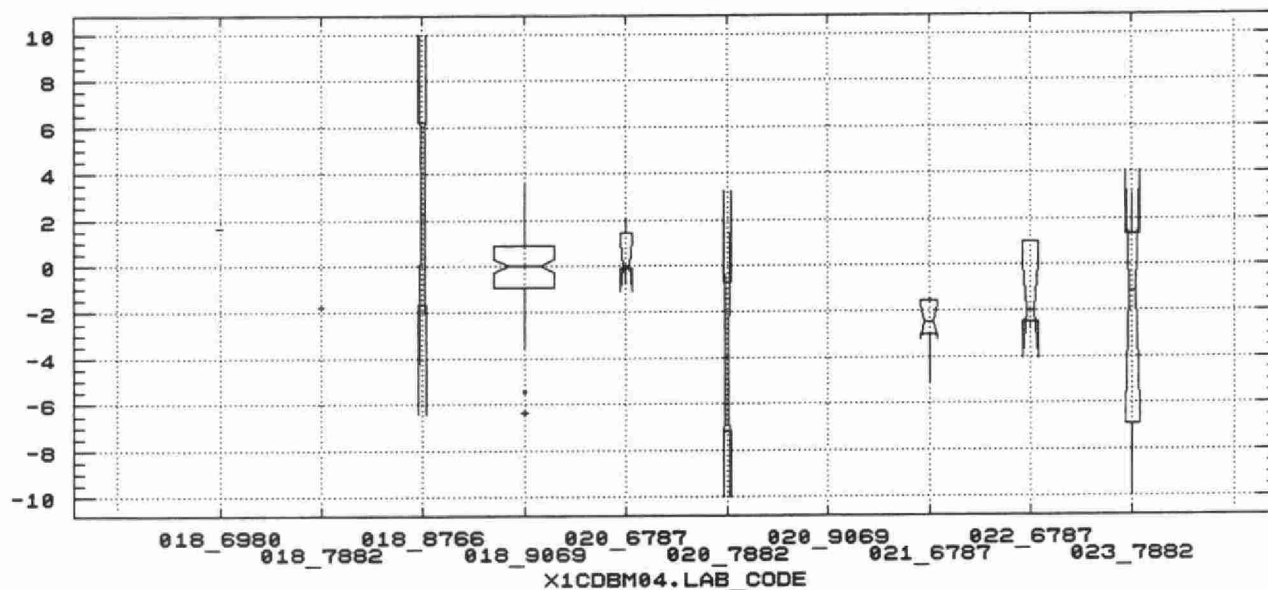
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X1CDBM03.DIFF



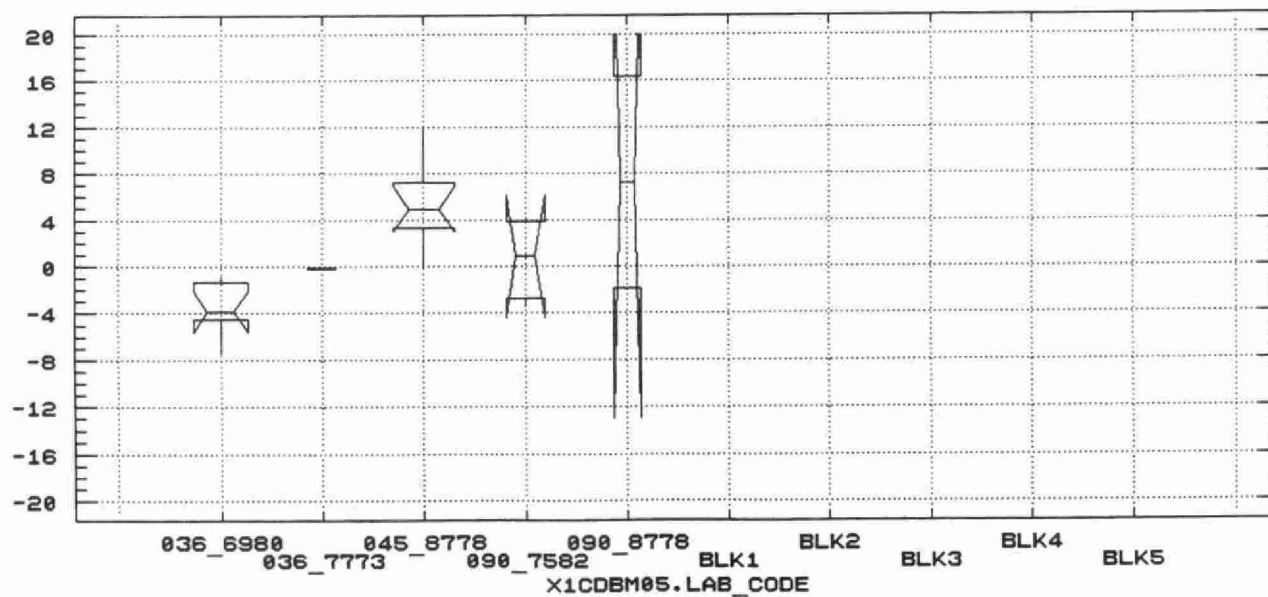
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X1CDBM04.DIFF



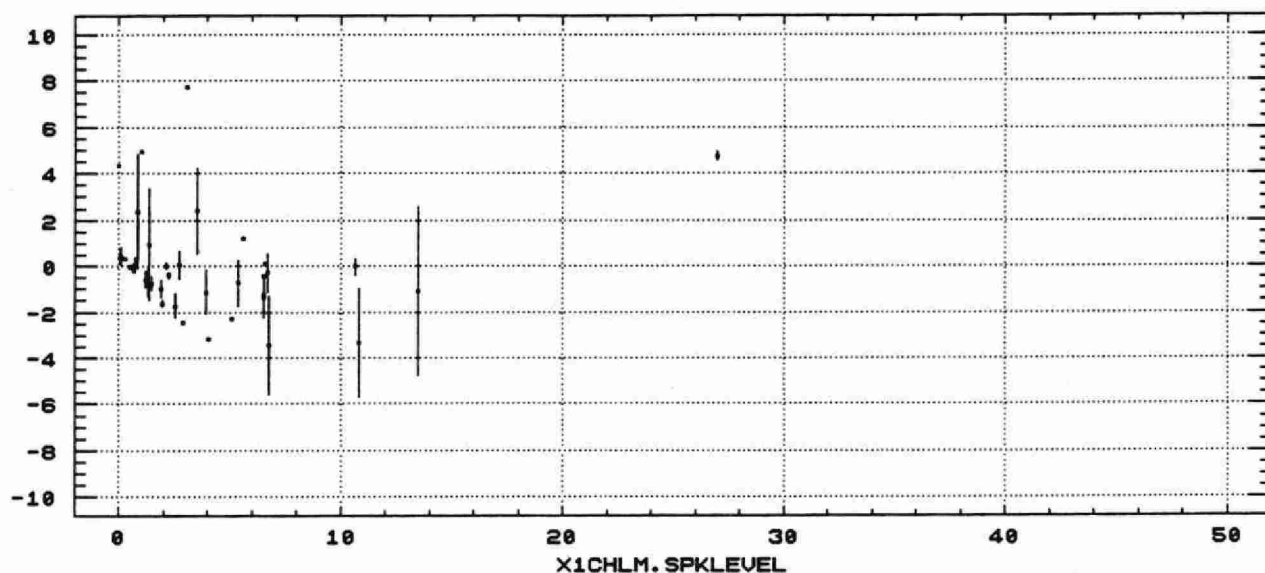
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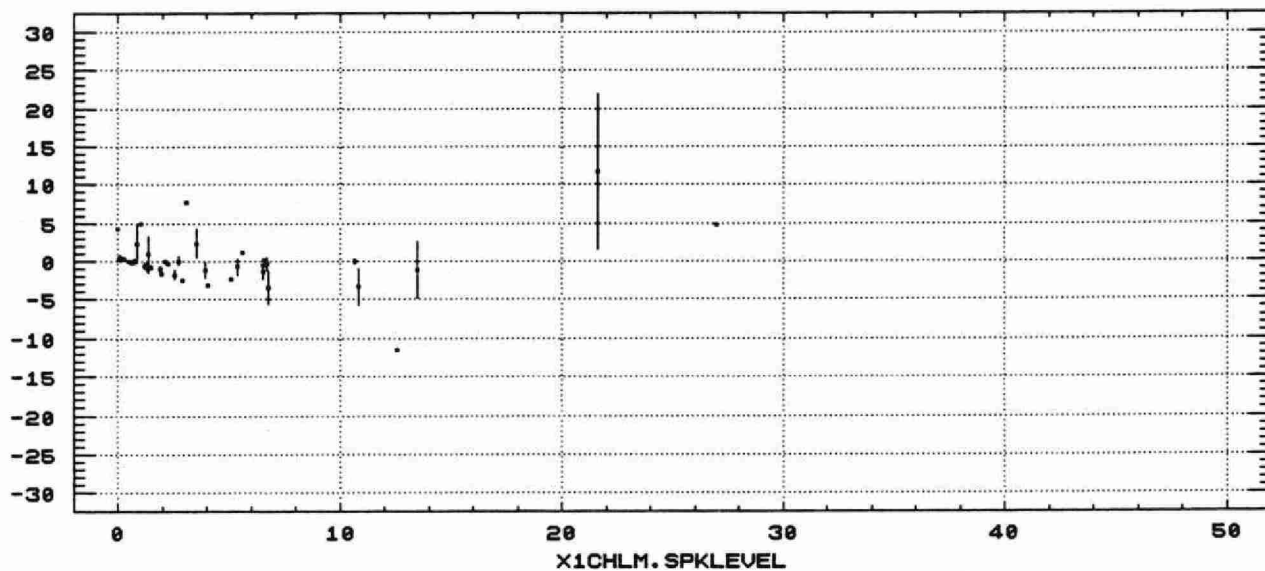
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X1CHLM.AVG



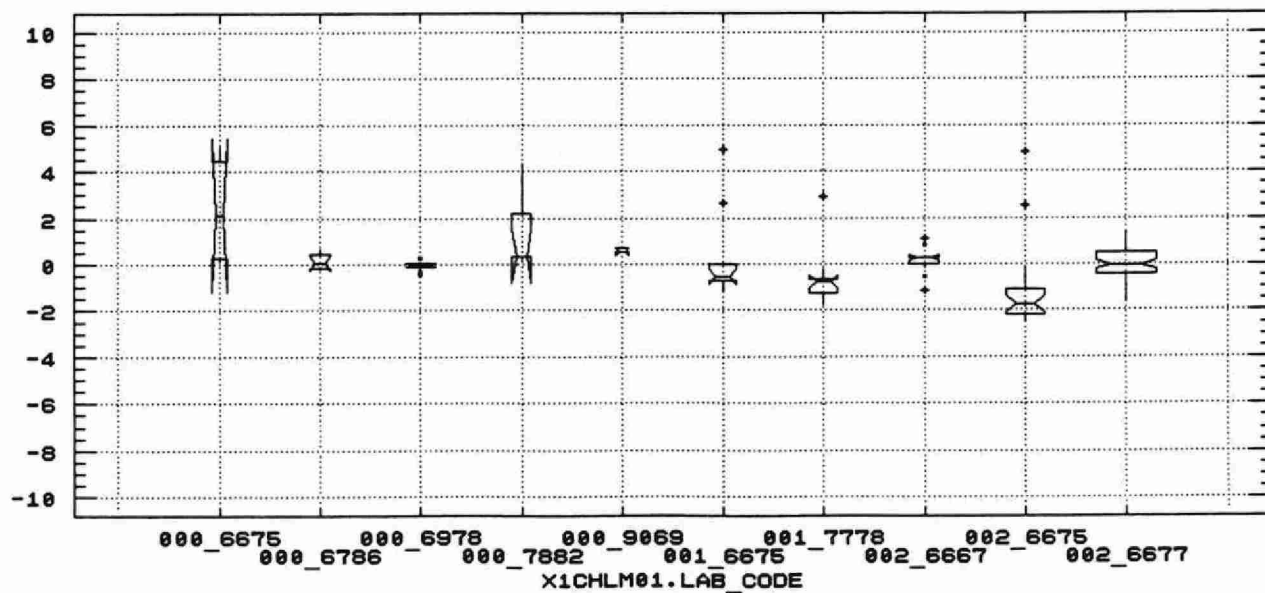
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X1CHLM.AVG



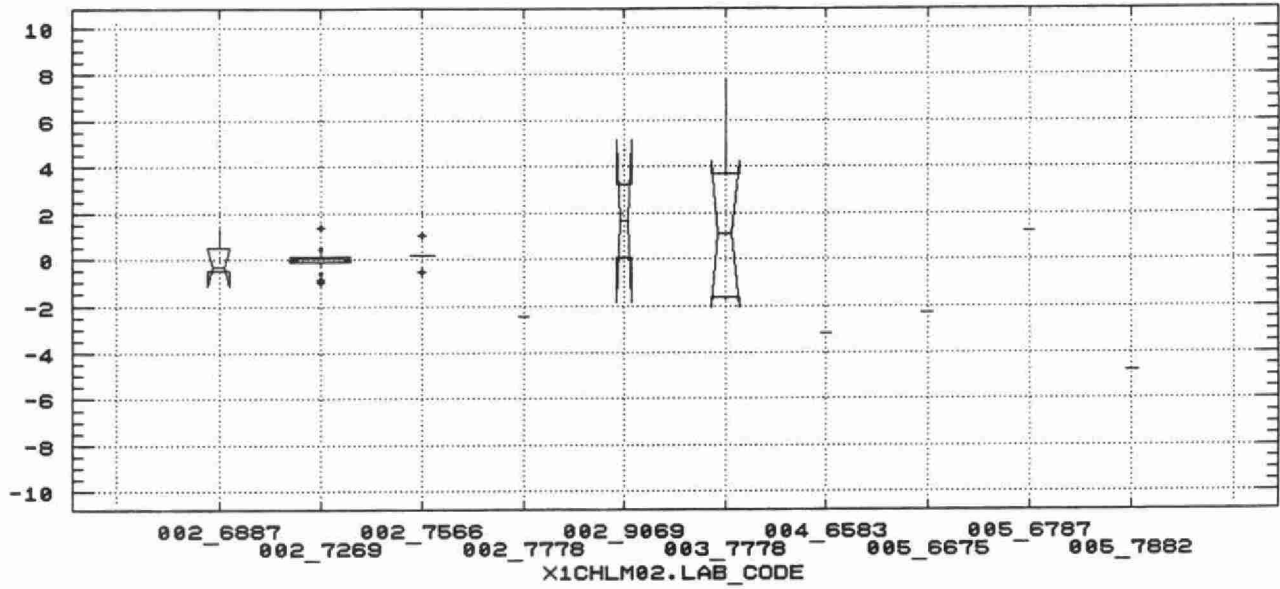
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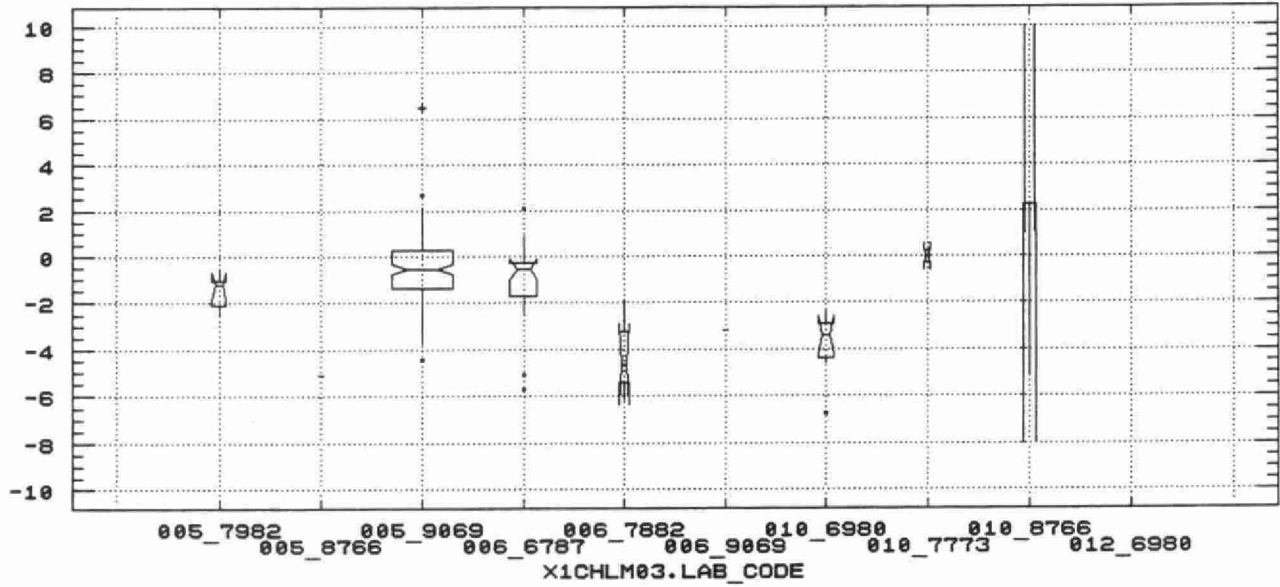
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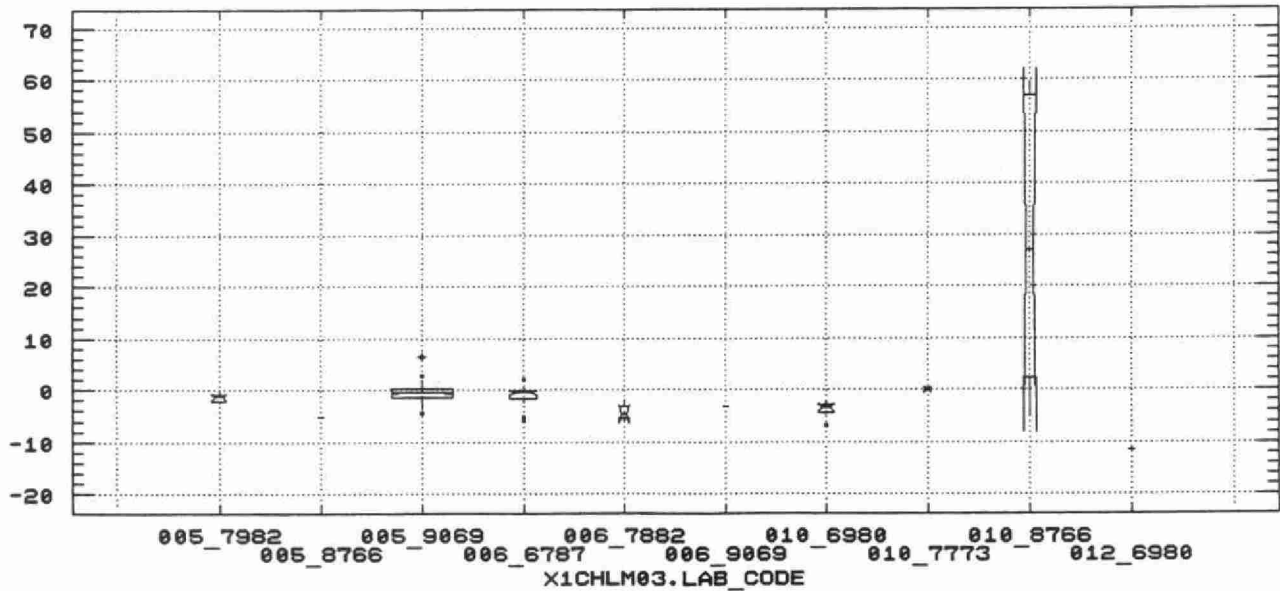
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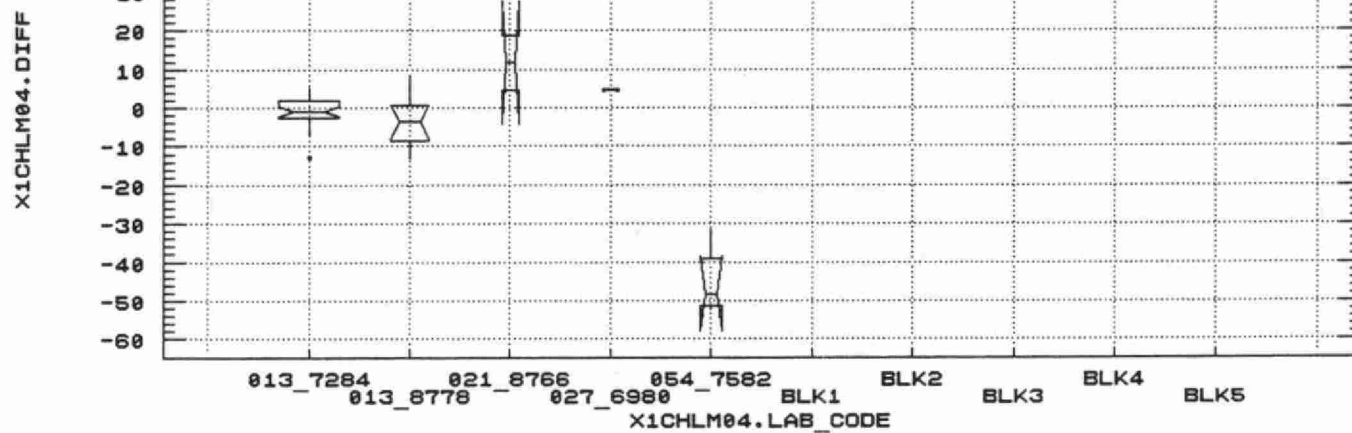
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TRAVELLING SPIKED BLANKS

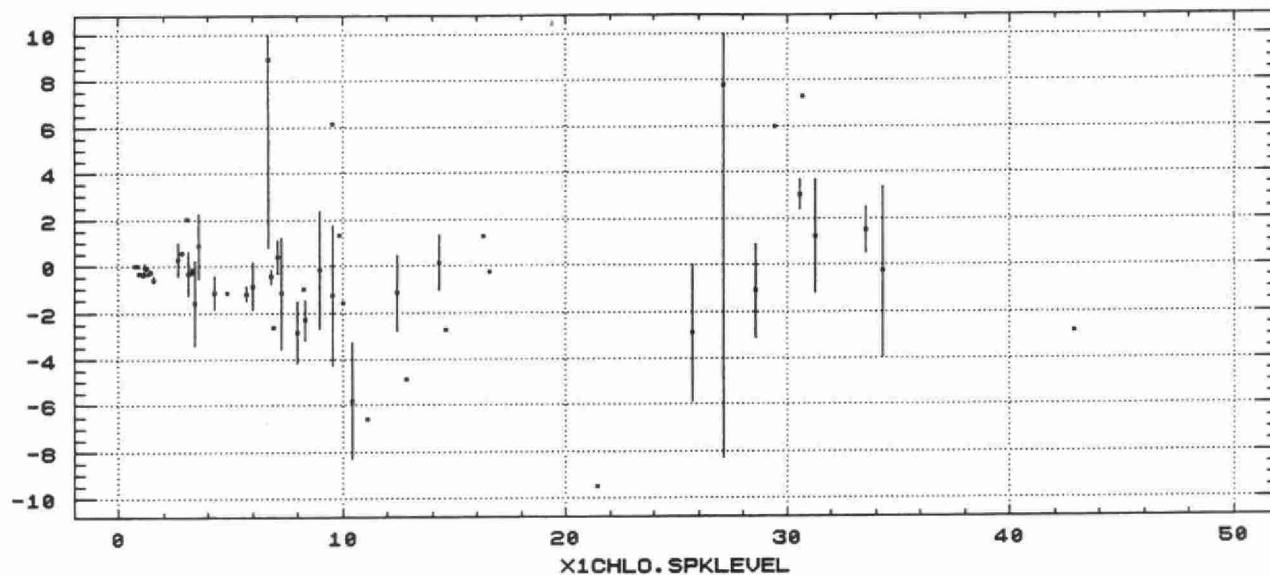
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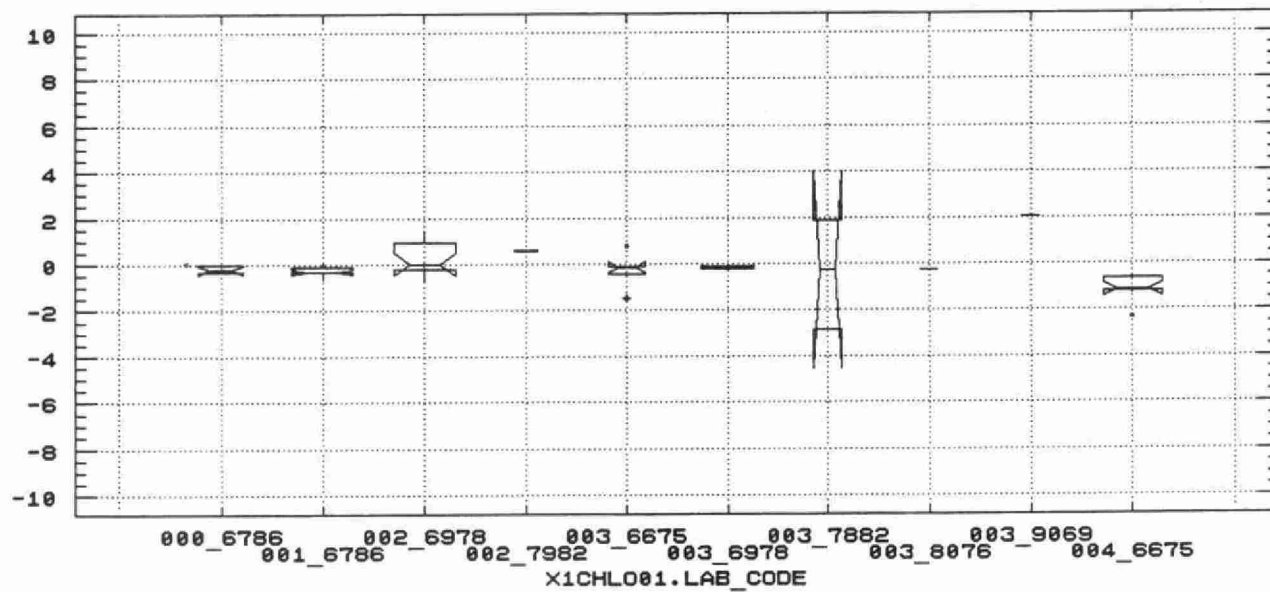
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X1CHLO.AVG



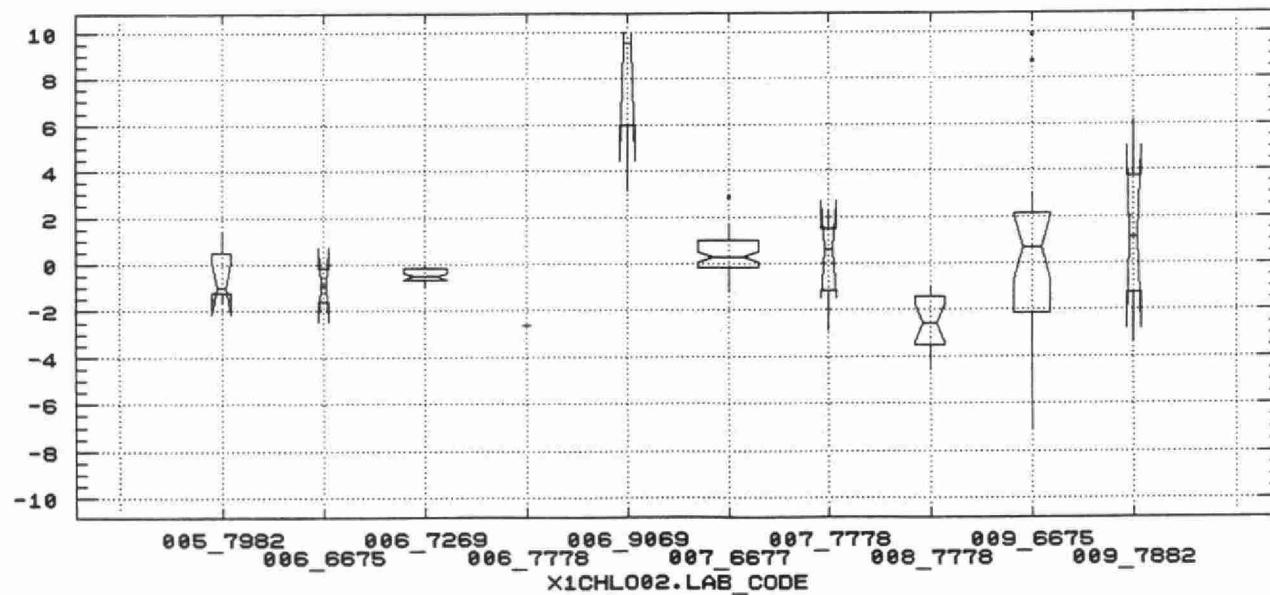
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X1CHLO01.DIFF



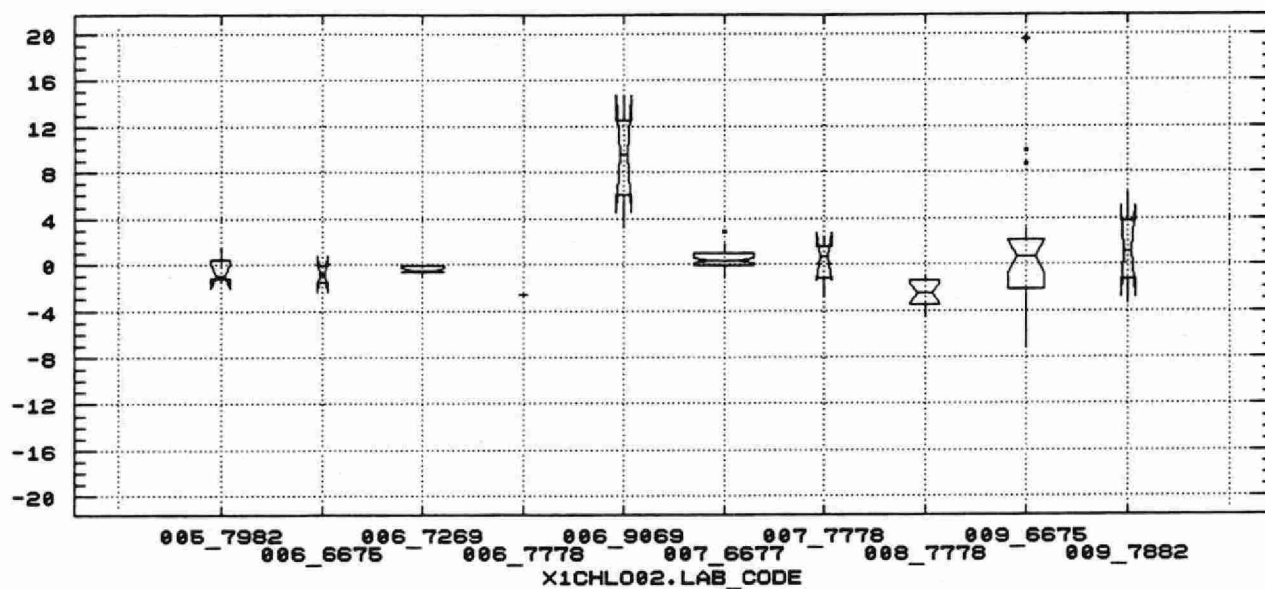
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X1CHLO02.DIFF



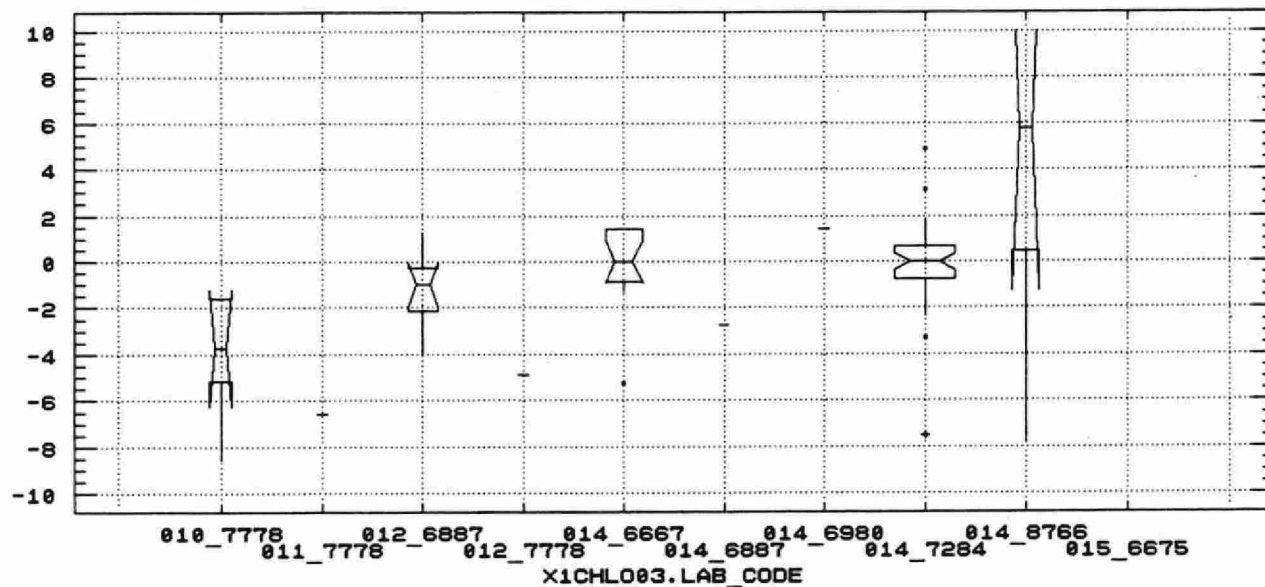
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X1CHL002.DIFF



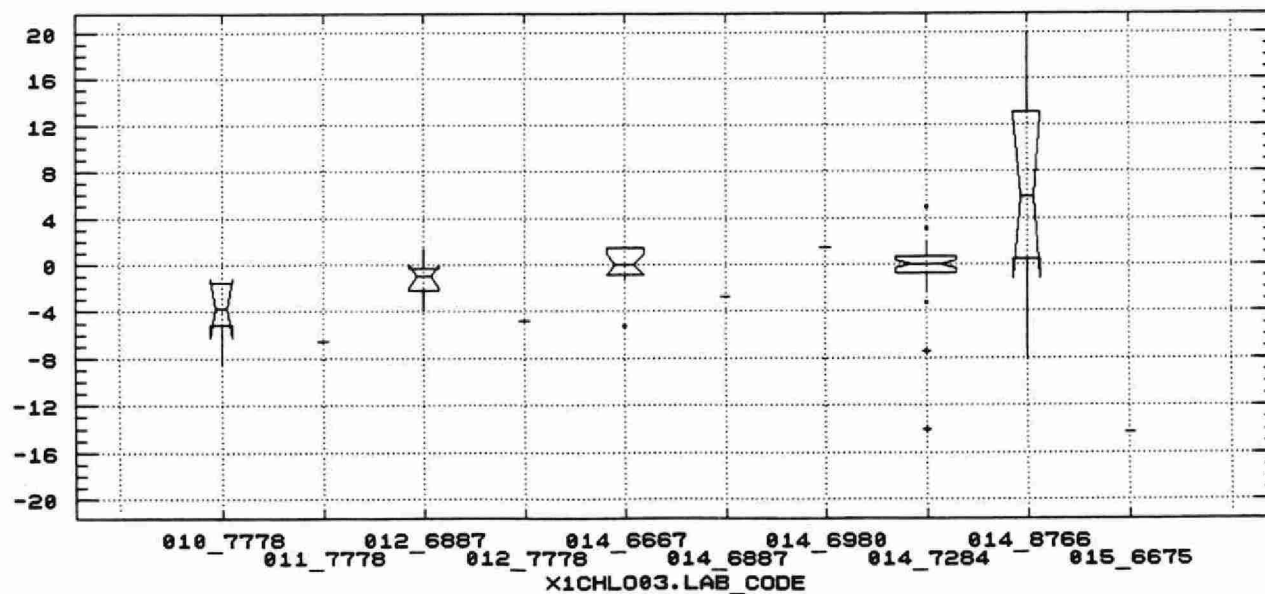
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X1CHL003.DIFF



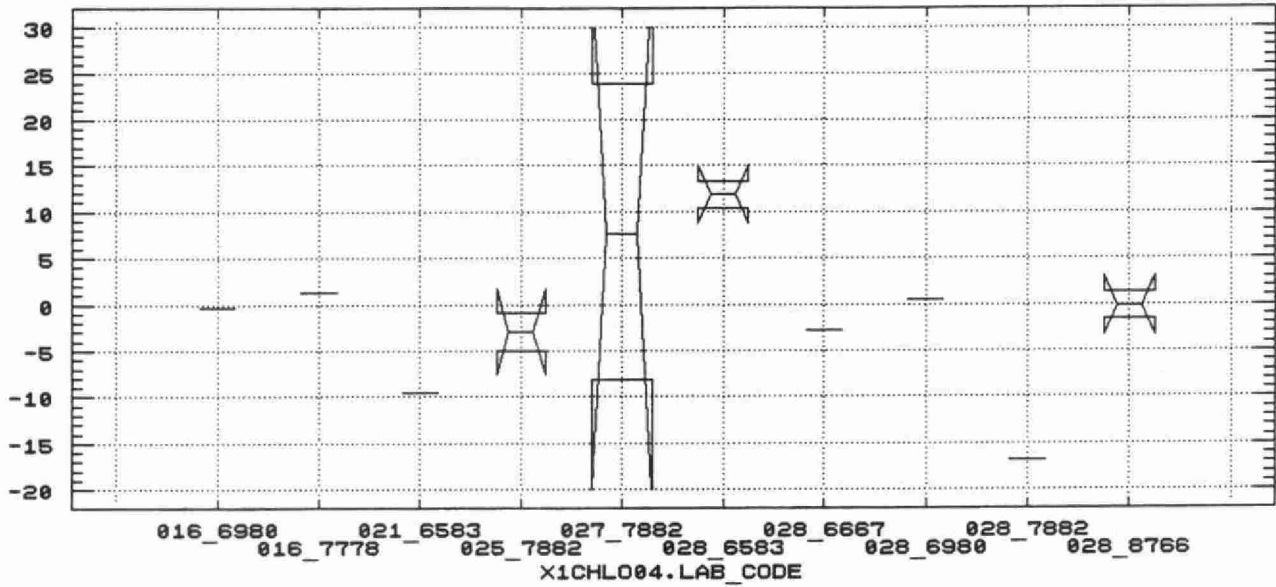
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X1CHL003.DIFF



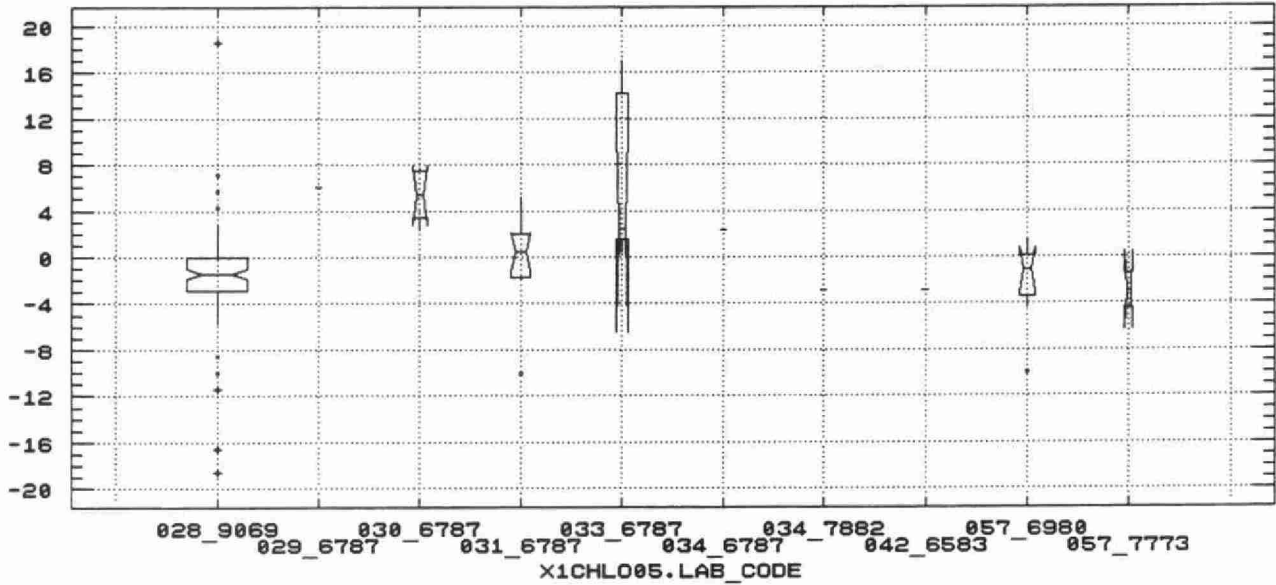
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X1CHL004.DIFF



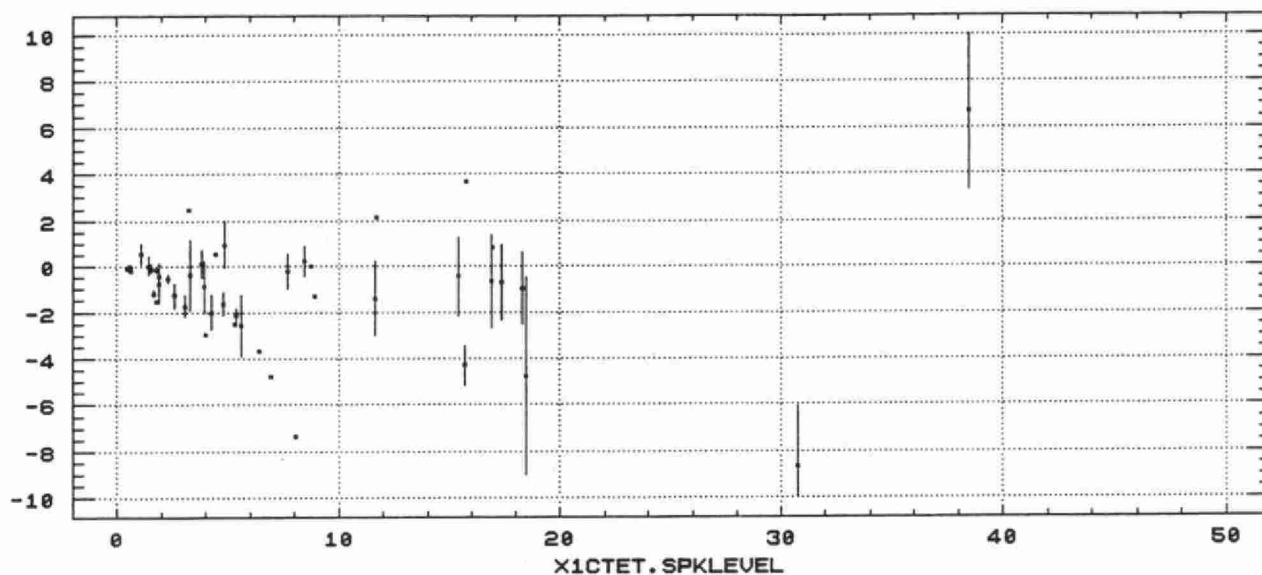
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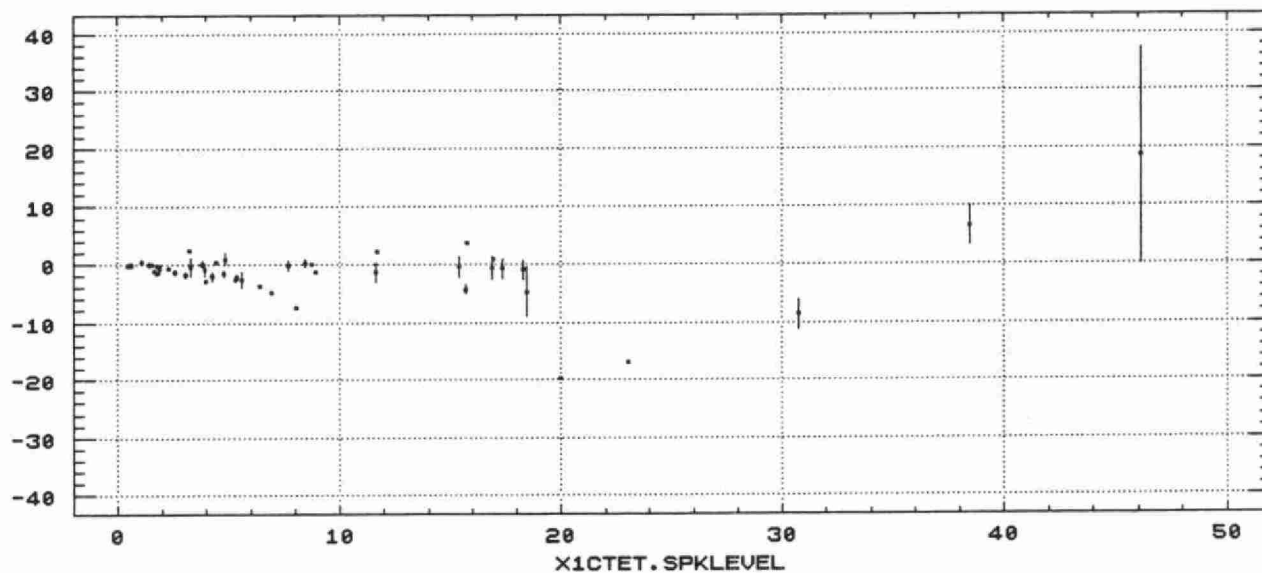
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X1CTET.AUG



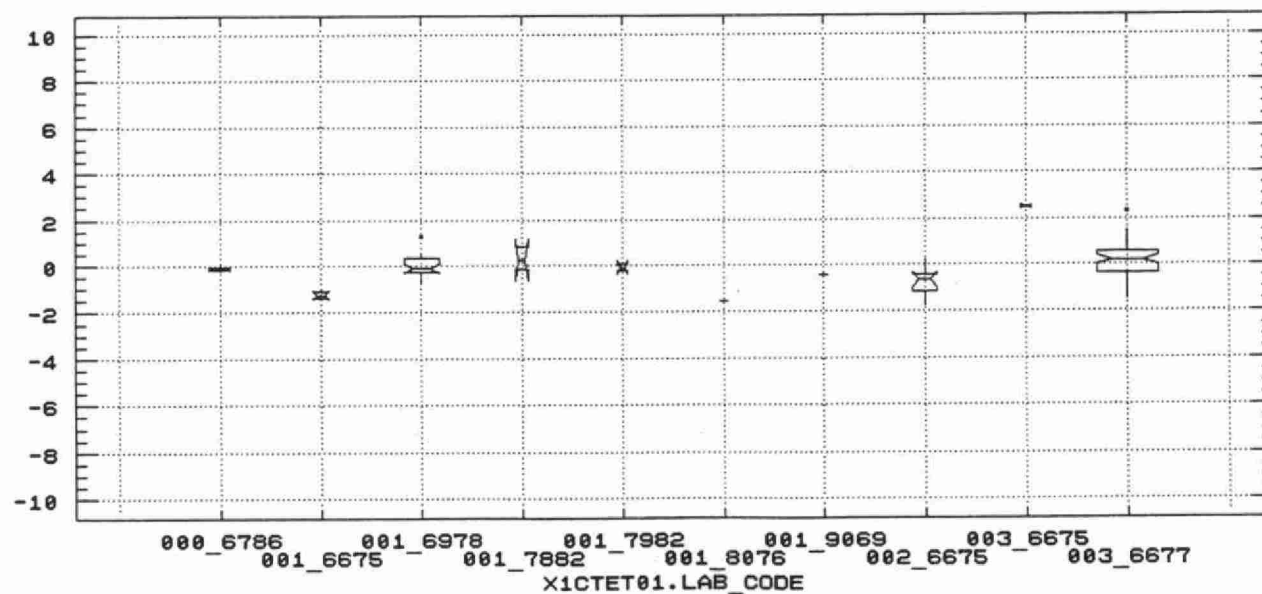
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X1CTET.AUG



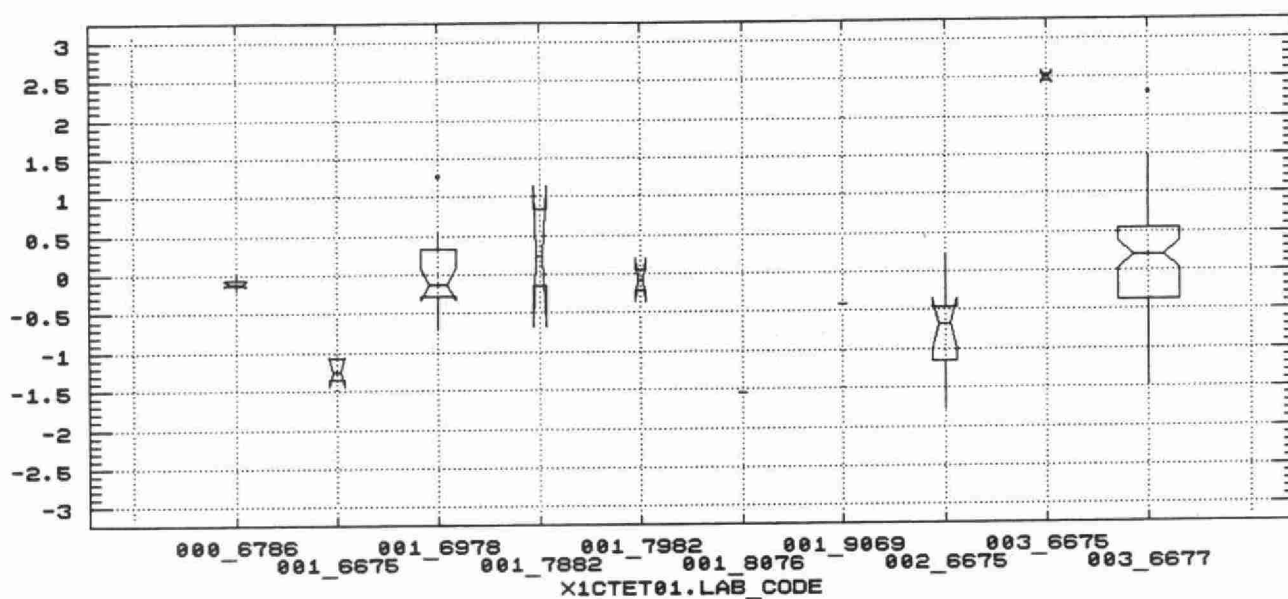
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X1CTET01.DIFF



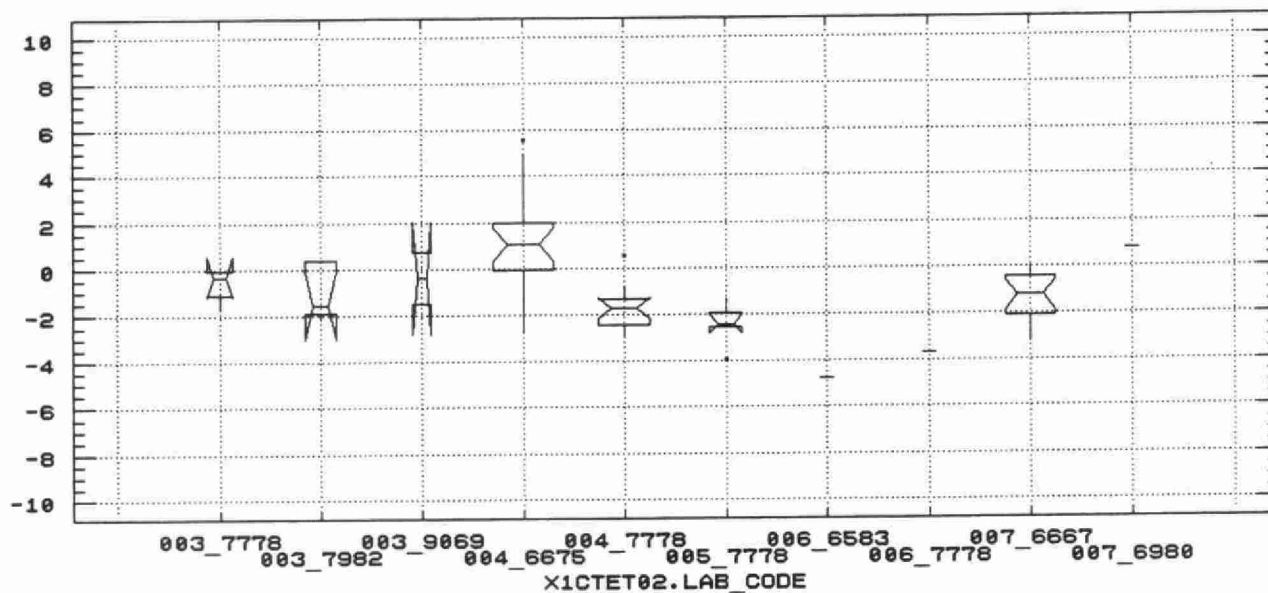
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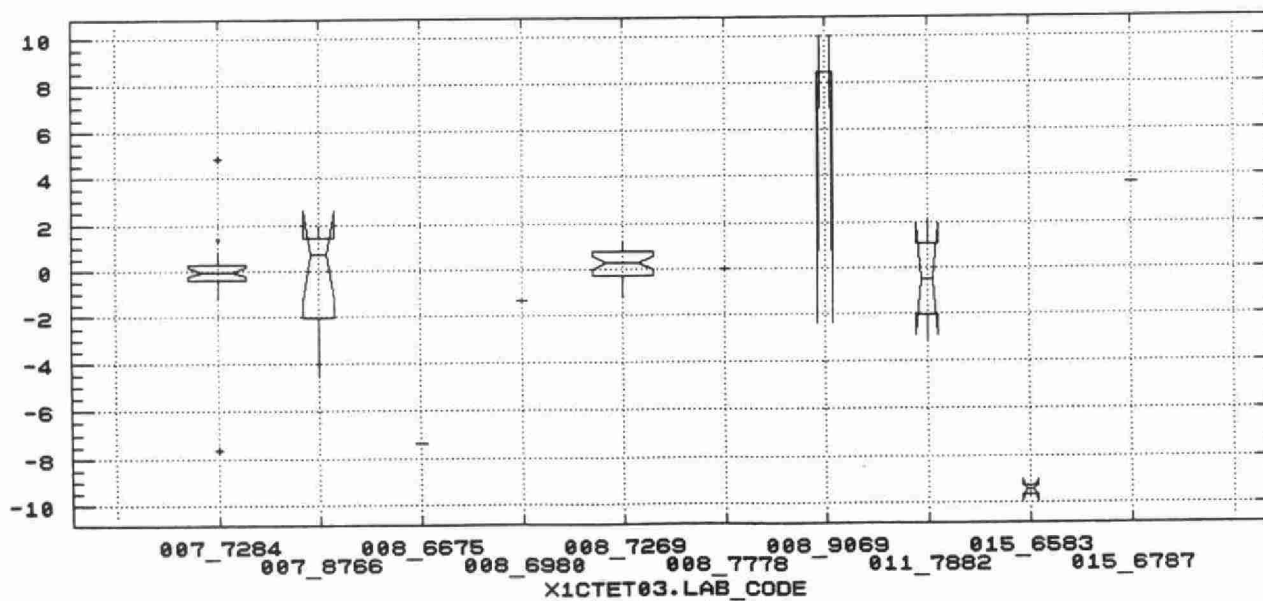
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X1CTET02.DIFF



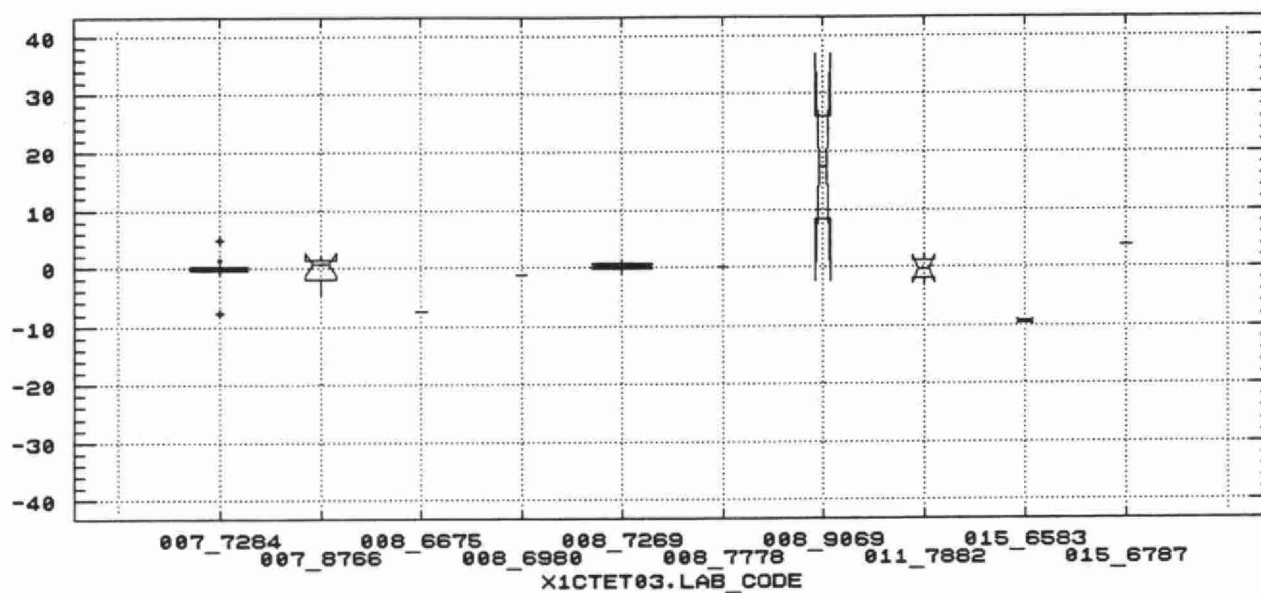
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X1CTET03.DIFF



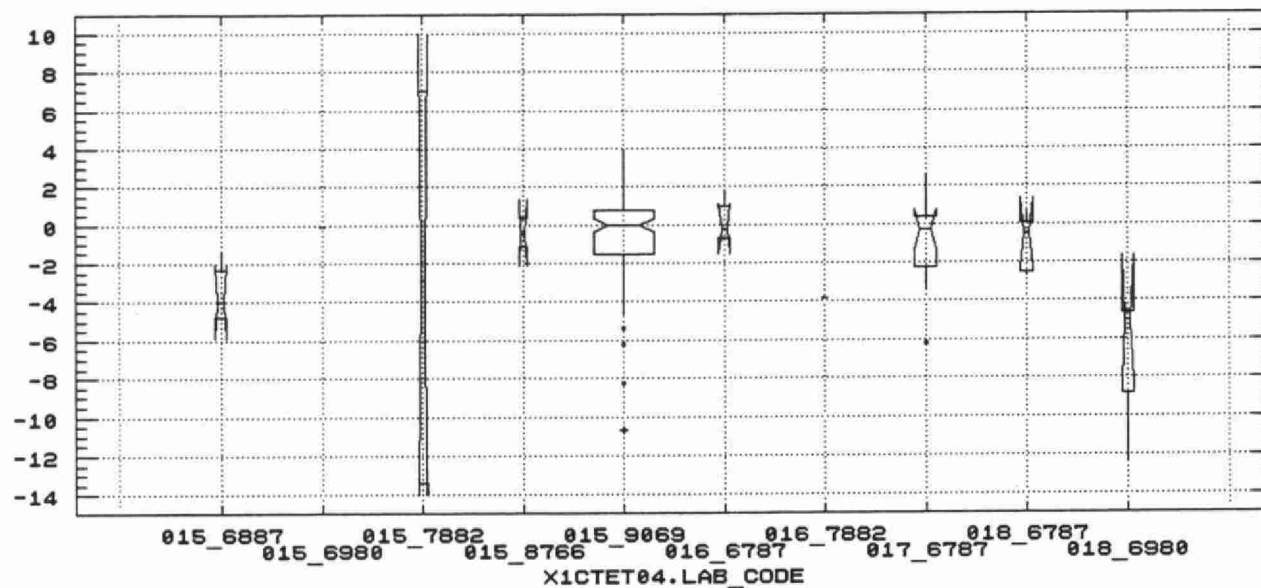
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X1CTET03.DIFF



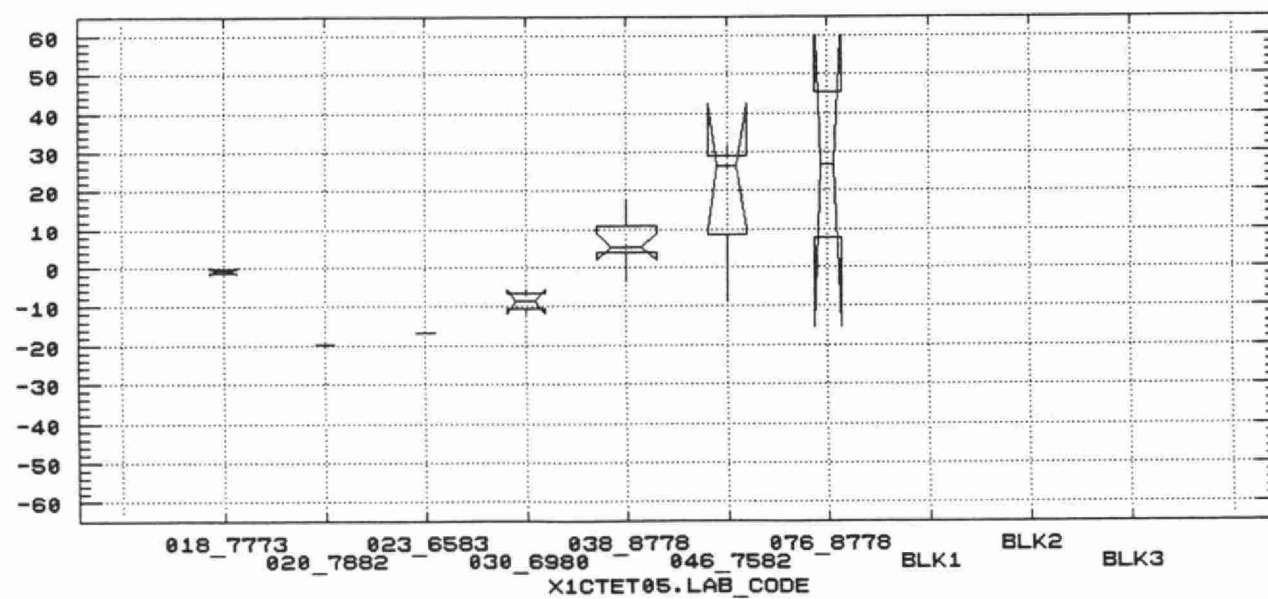
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X1CTET04.DIFF



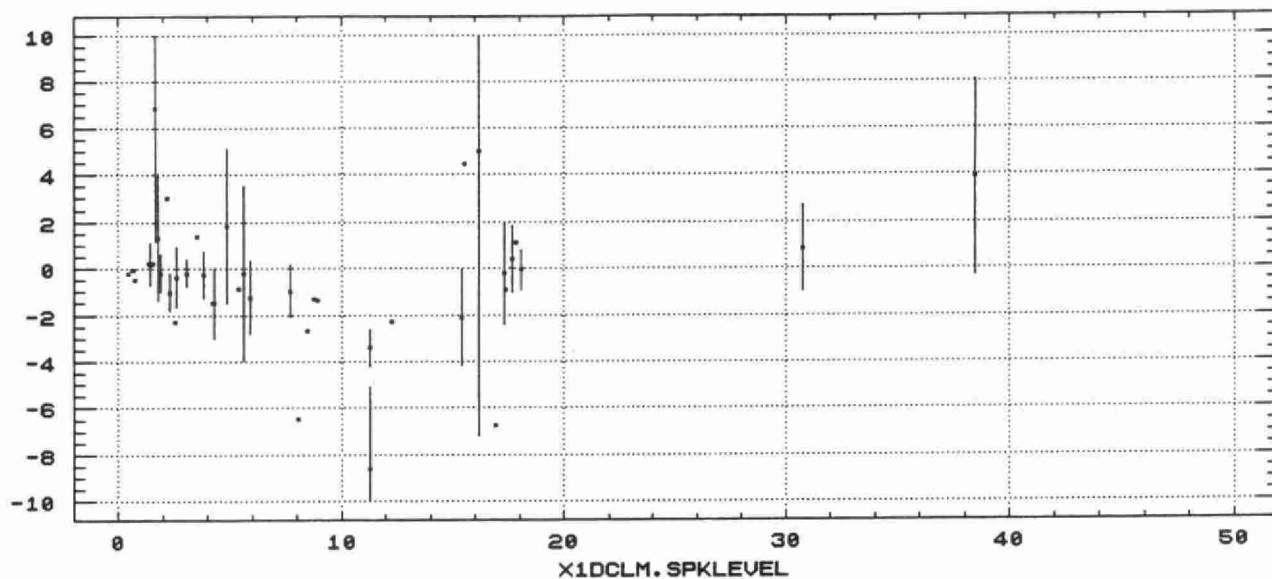
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X1CTET05.DIFF



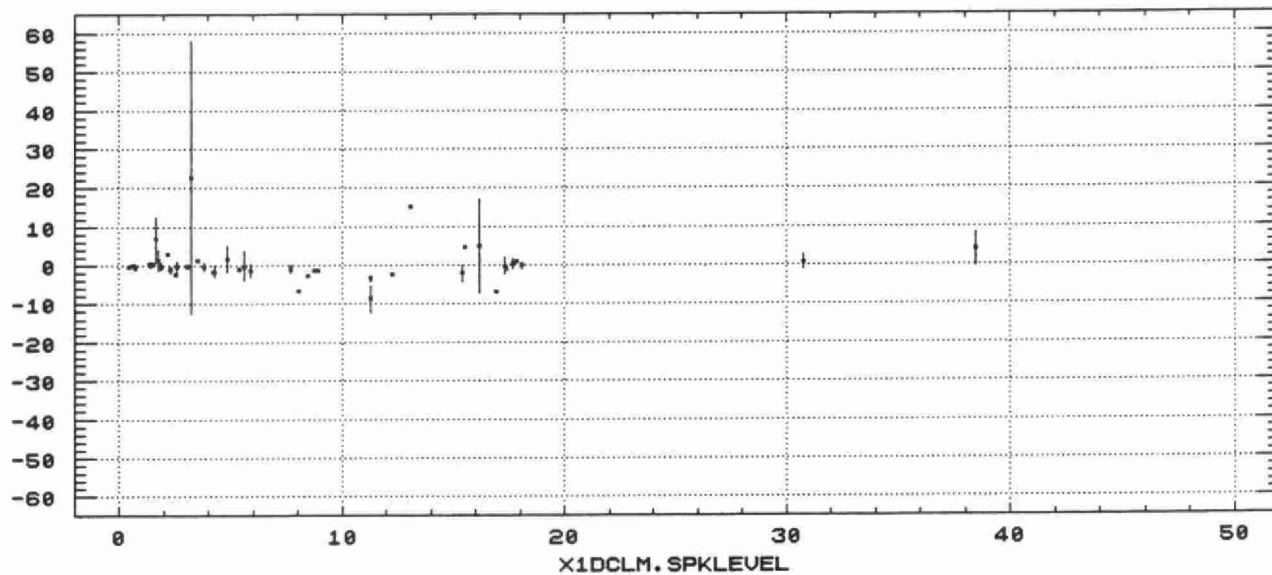
TRAVELLING SPIKED BLANKS

X1DCLM.AVG



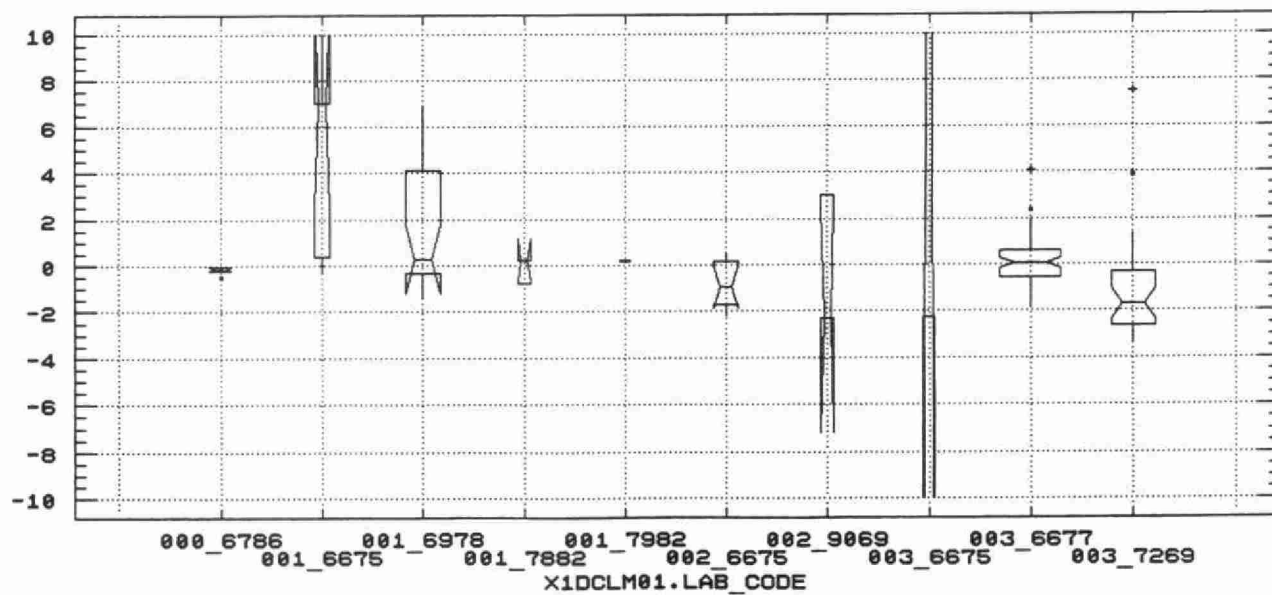
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X1DCLM.AVG



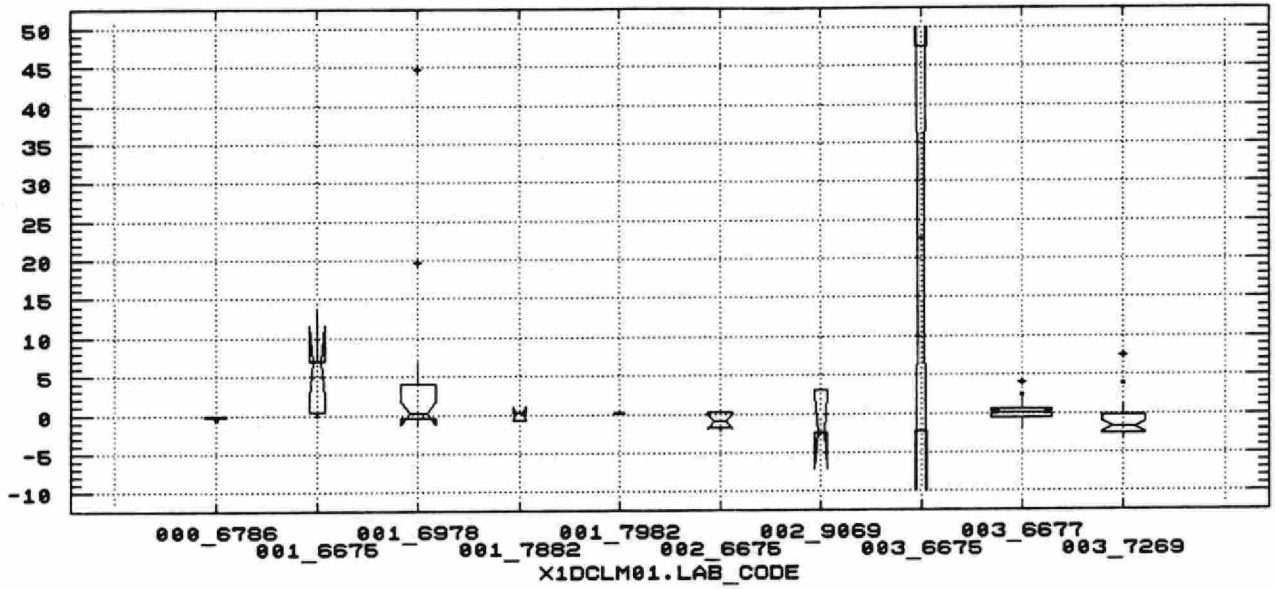
TRAVELLING SPIKED BLANKS

X1DCLM01.DIFF



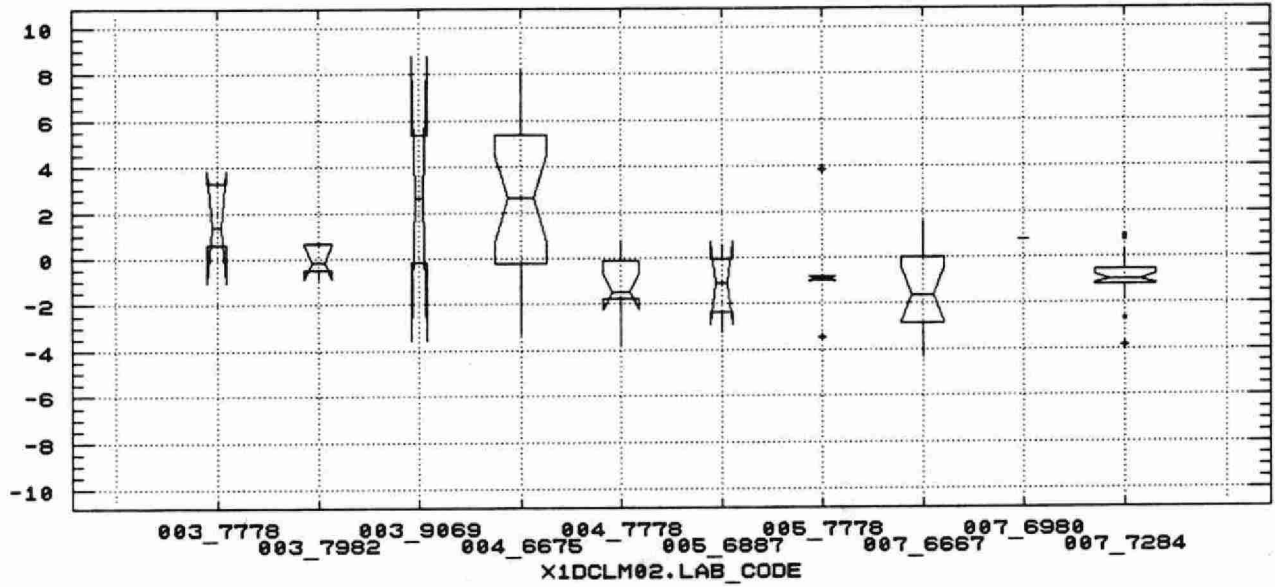
TRAVELLING SPIKED BLANKS

X1DCLM01.DIFF



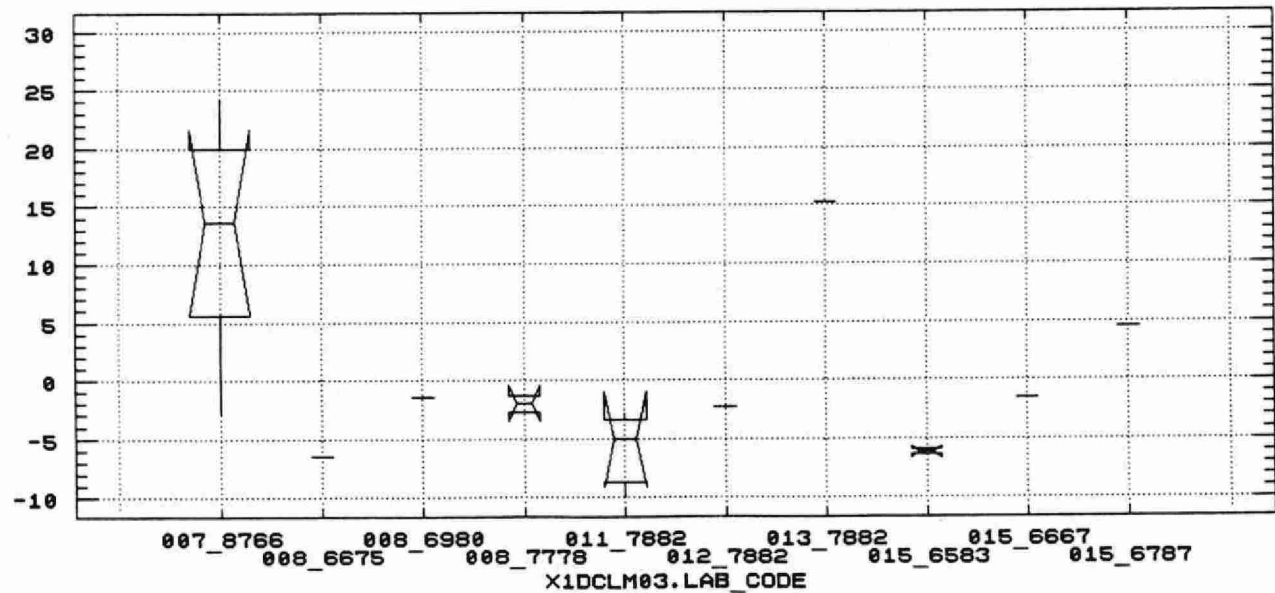
TRAVELLING SPIKED BLANKS

X1DCLM02.DIFF



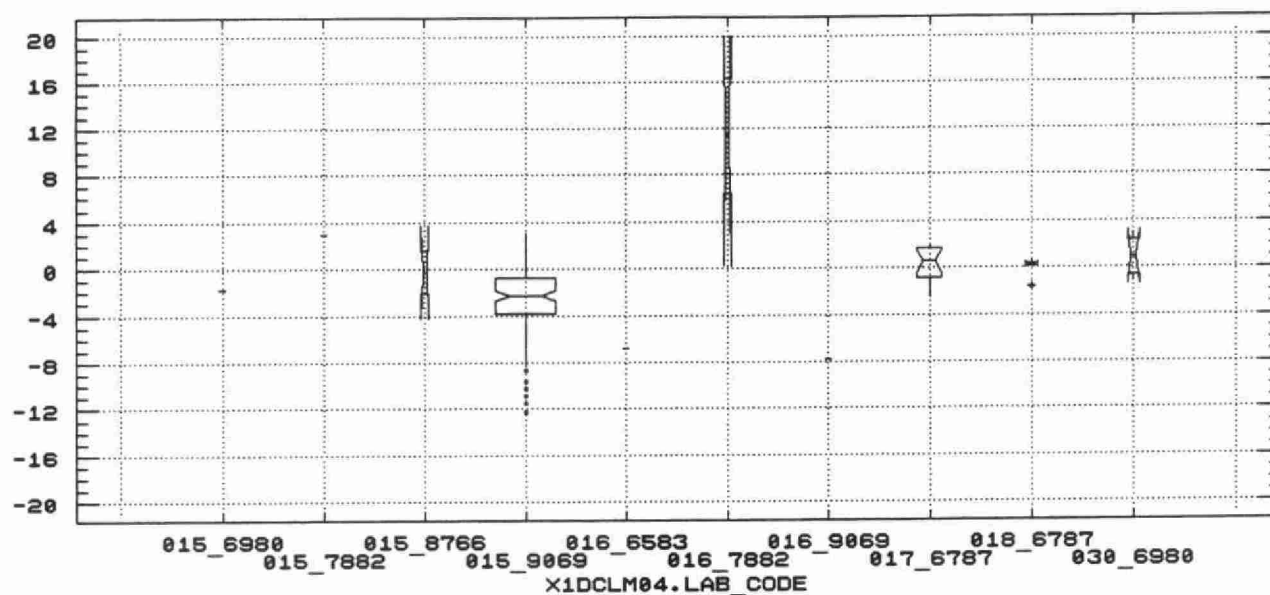
TRAVELLING SPIKED BLANKS

X1DCLM03.DIFF



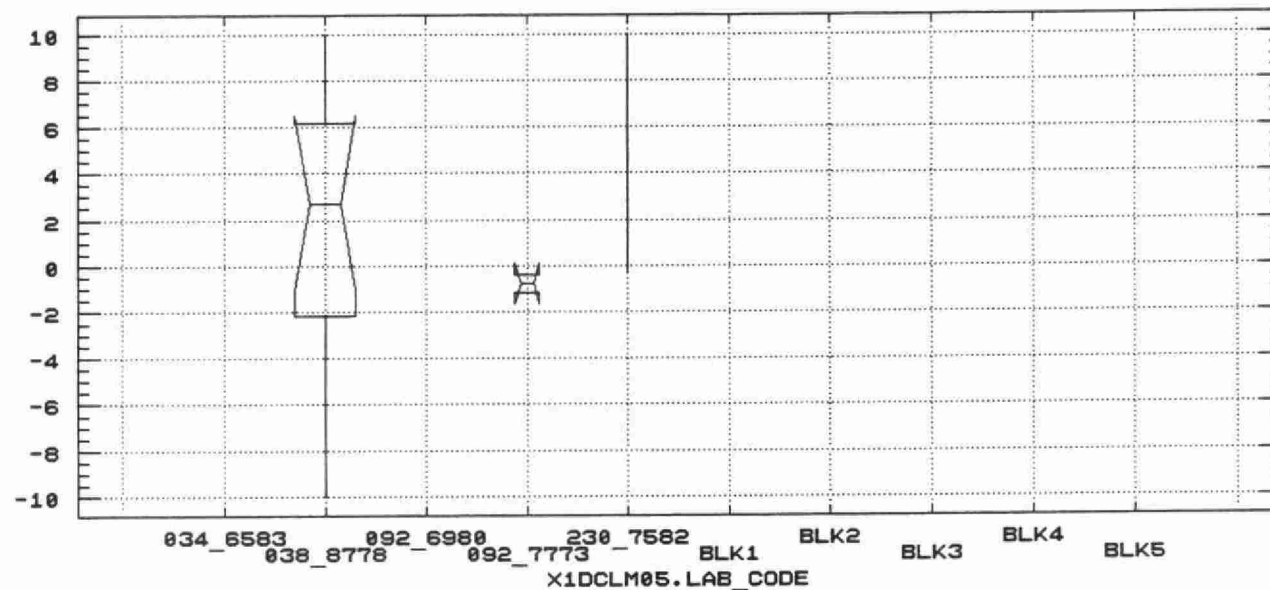
TRAVELLING SPIKED BLANKS

X1DCLM04.DIFF



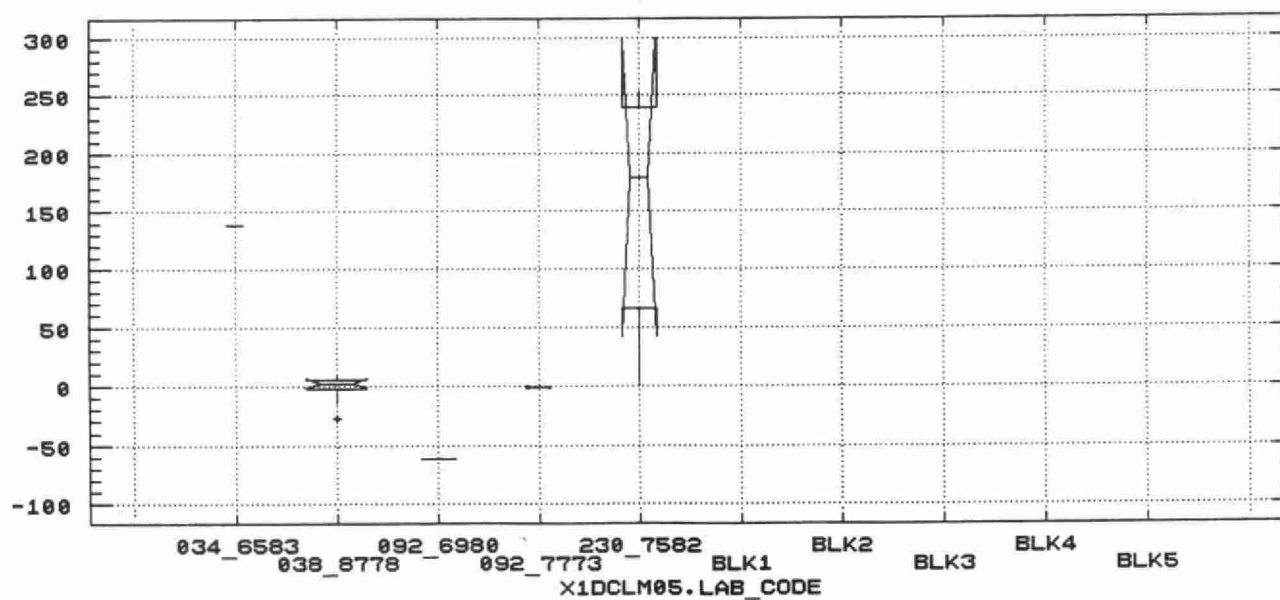
TRAVELLING SPIKED BLANKS

X1DCLM05.DIFF



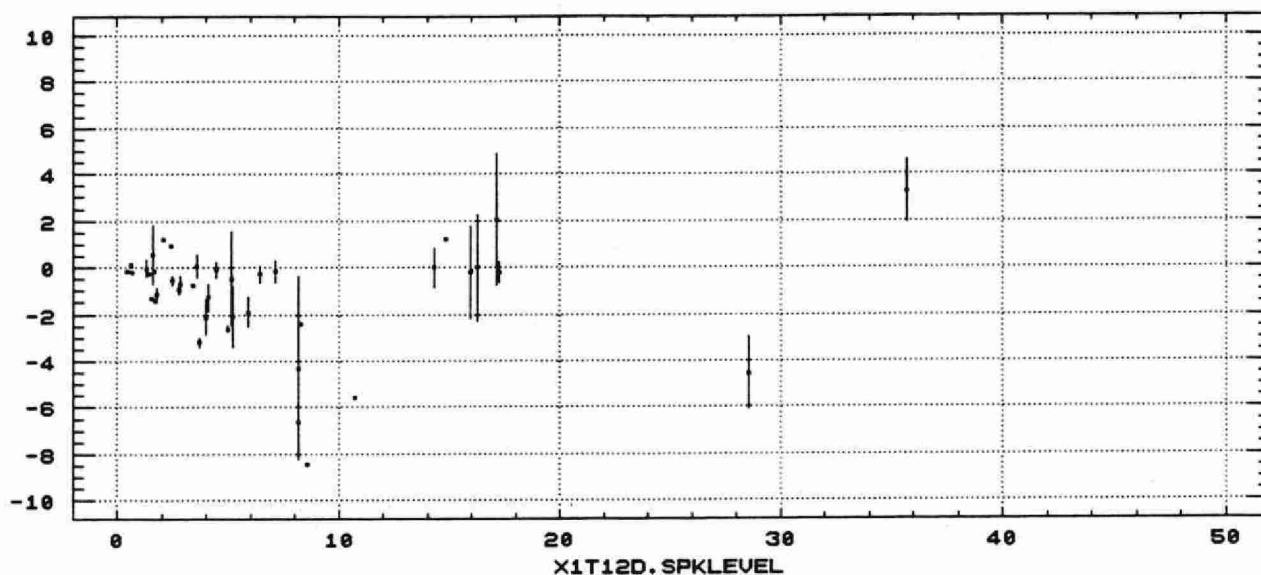
TRAVELLING SPIKED BLANKS

X1DCLM06.DIFF



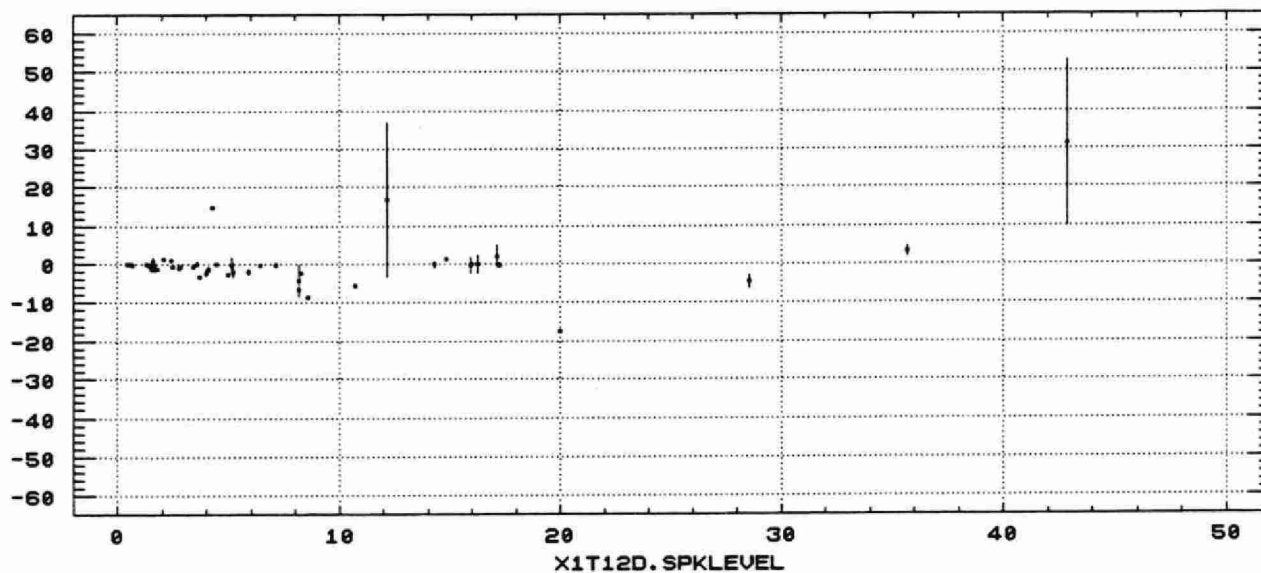
TRAVELLING SPIKED BLANKS

X1T12D.AUG



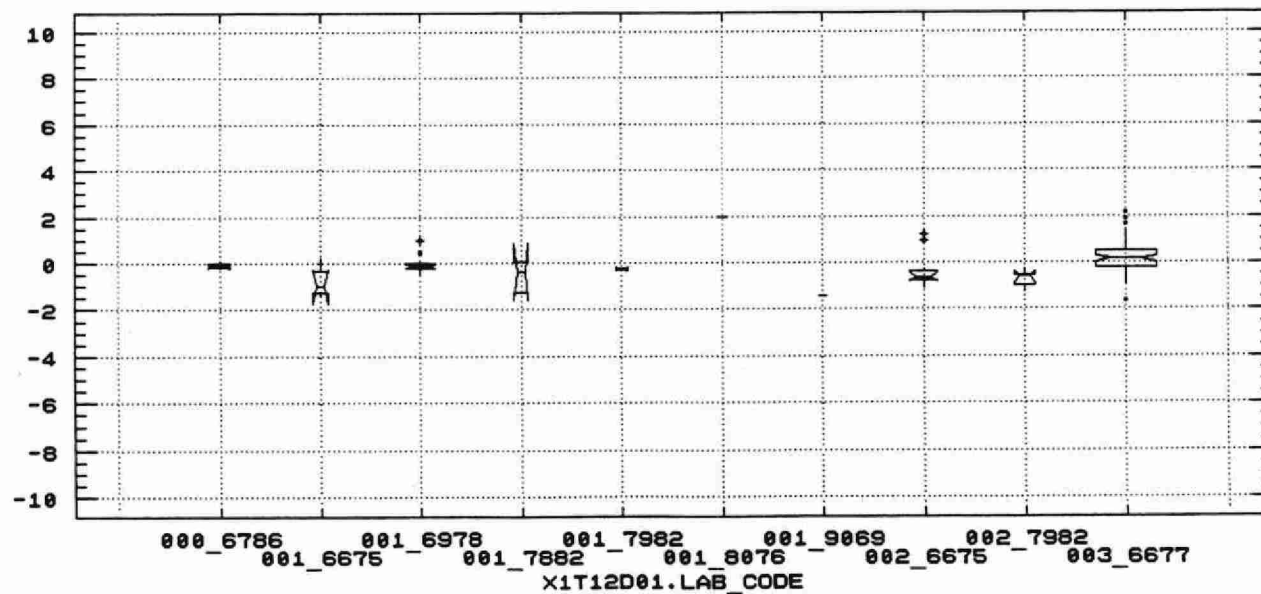
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X1T12D.AUG



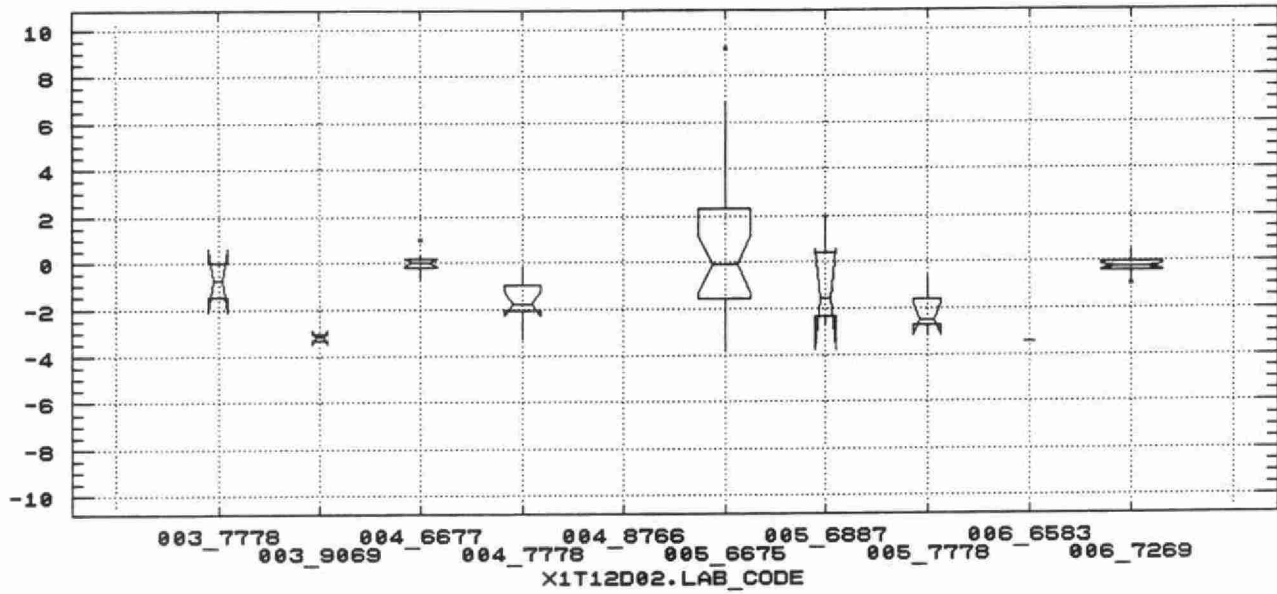
TRAVELLING SPIKED BLANKS

X1T12D01.DIFF



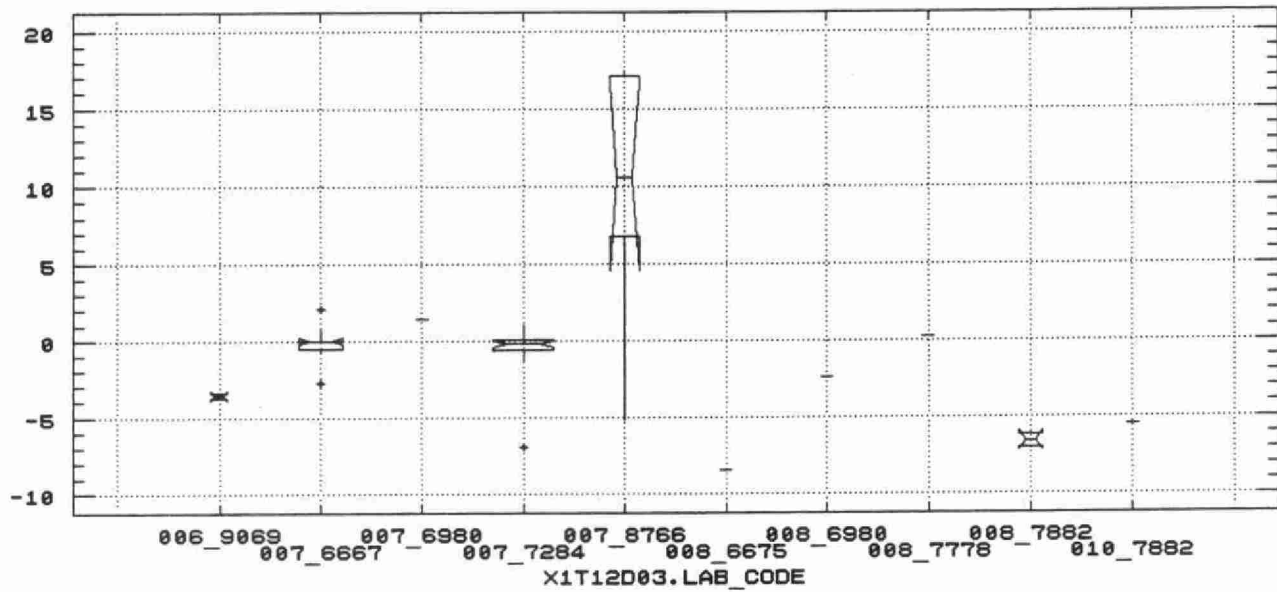
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X1T12D02.DIFF



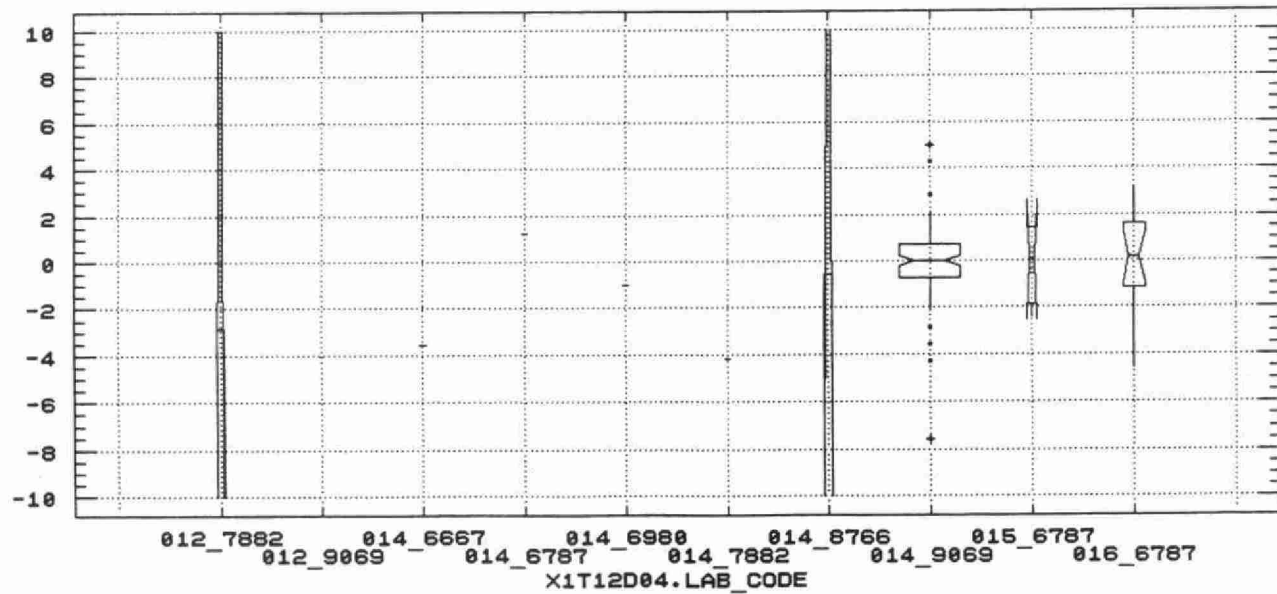
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X1T12D03.DIFF



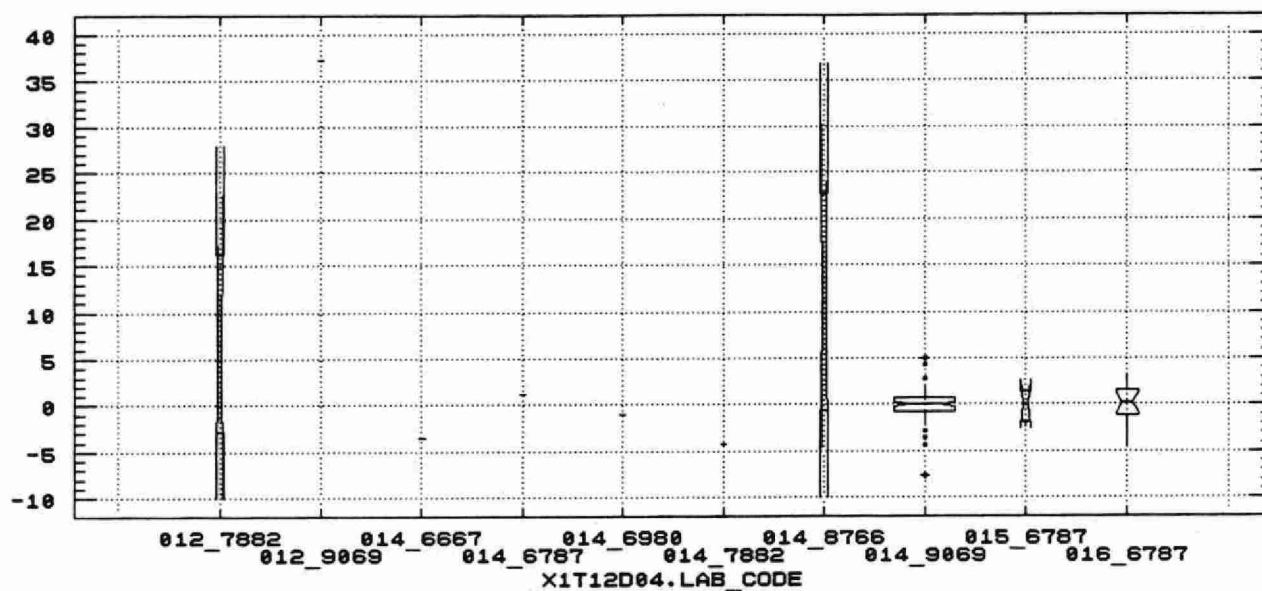
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X1T12D04.DIFF



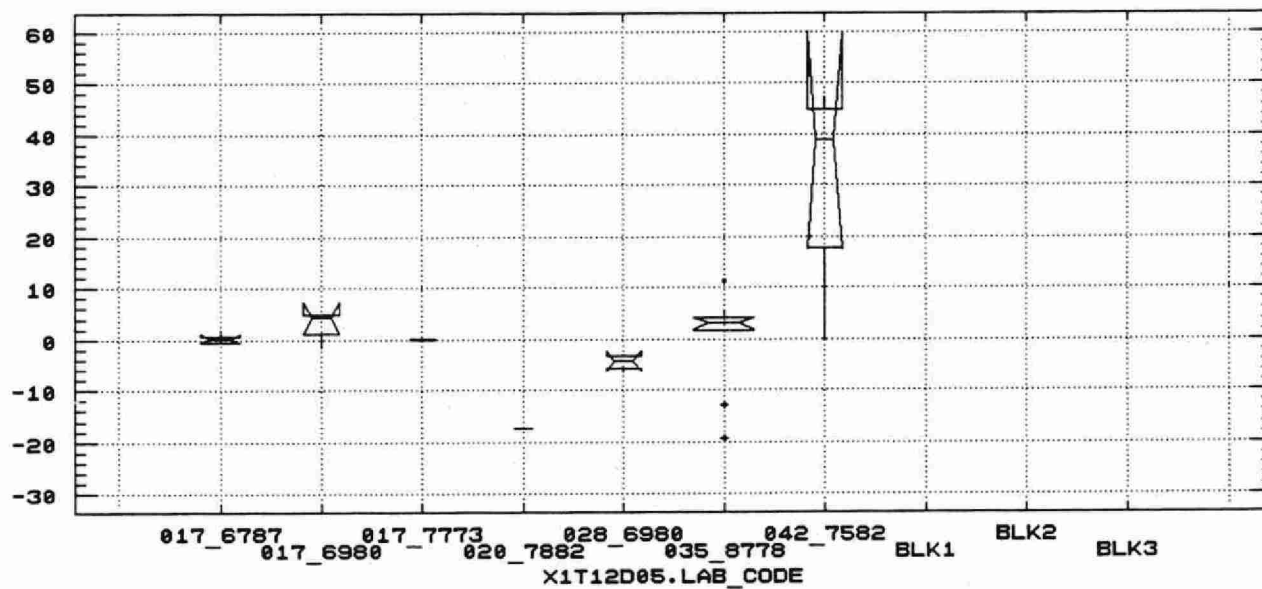
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X1T12D04.DIFF



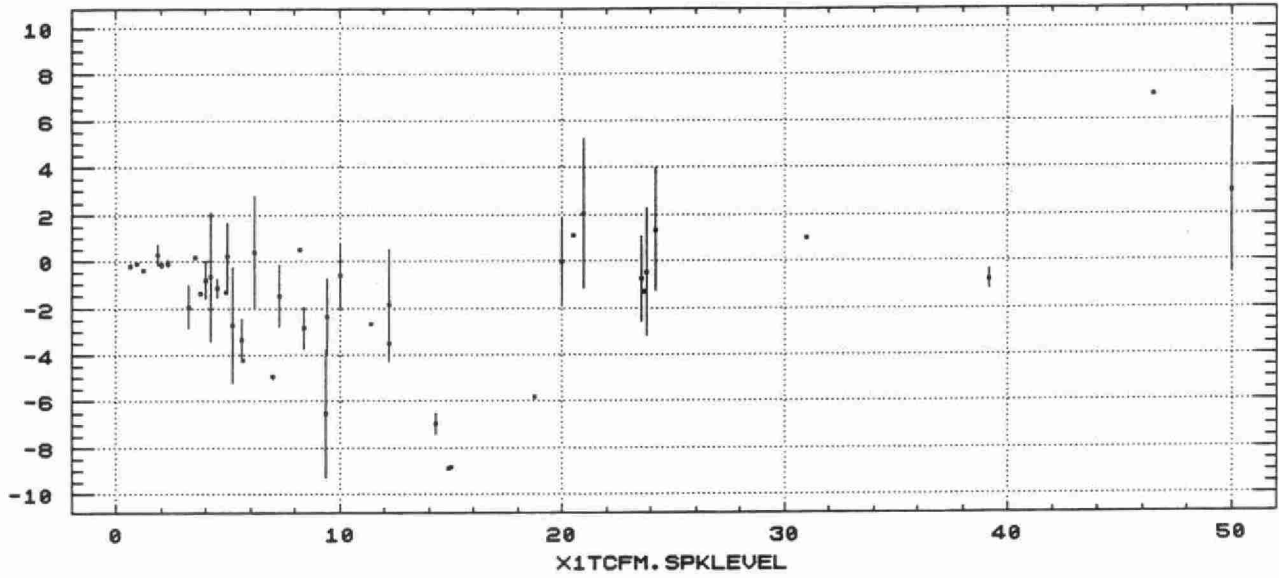
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X1T12D05.DIFF



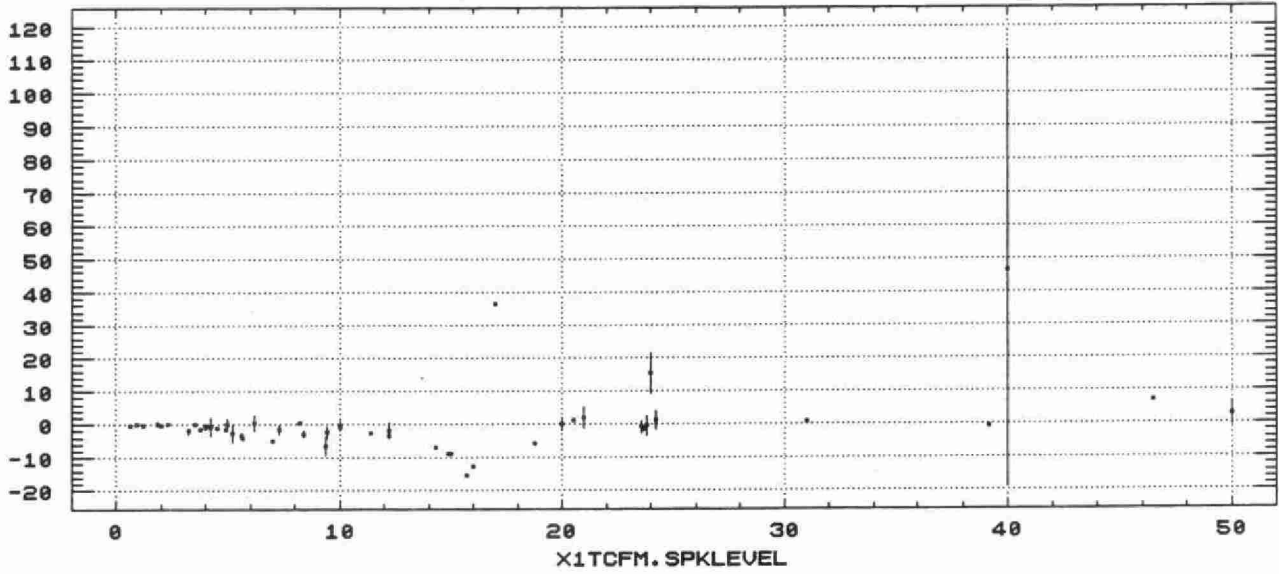
TRAVELLING SPIKED BLANKS

X1TCFM.AVG



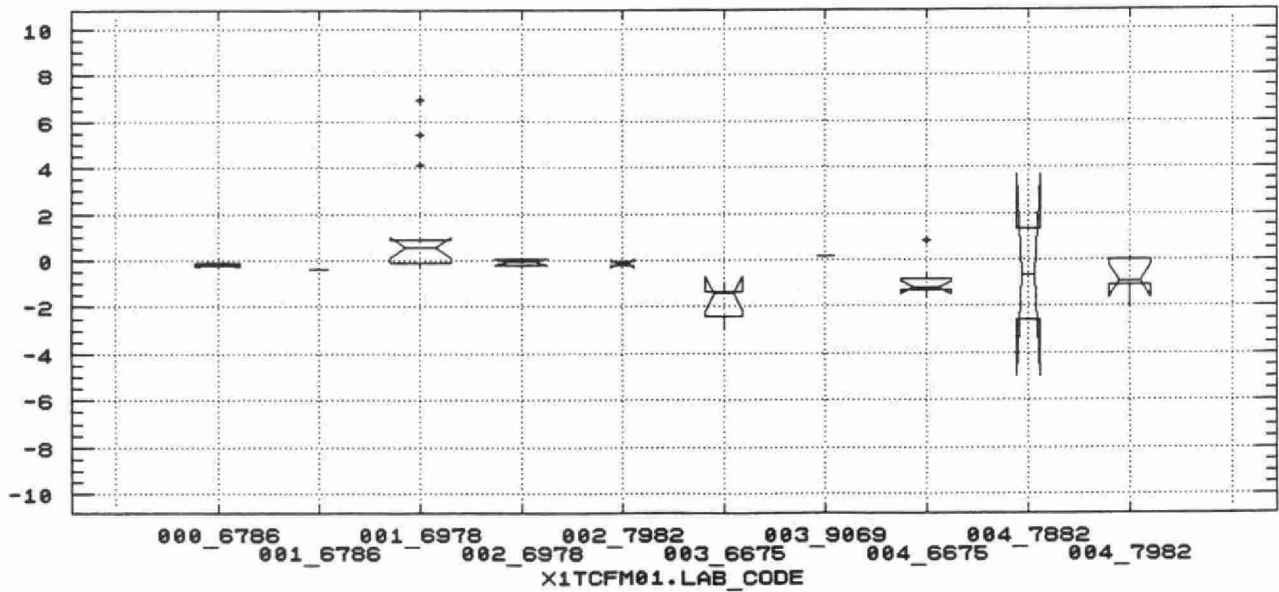
TRAVELLING SPIKED BLANKS

X1TCFM.AVG



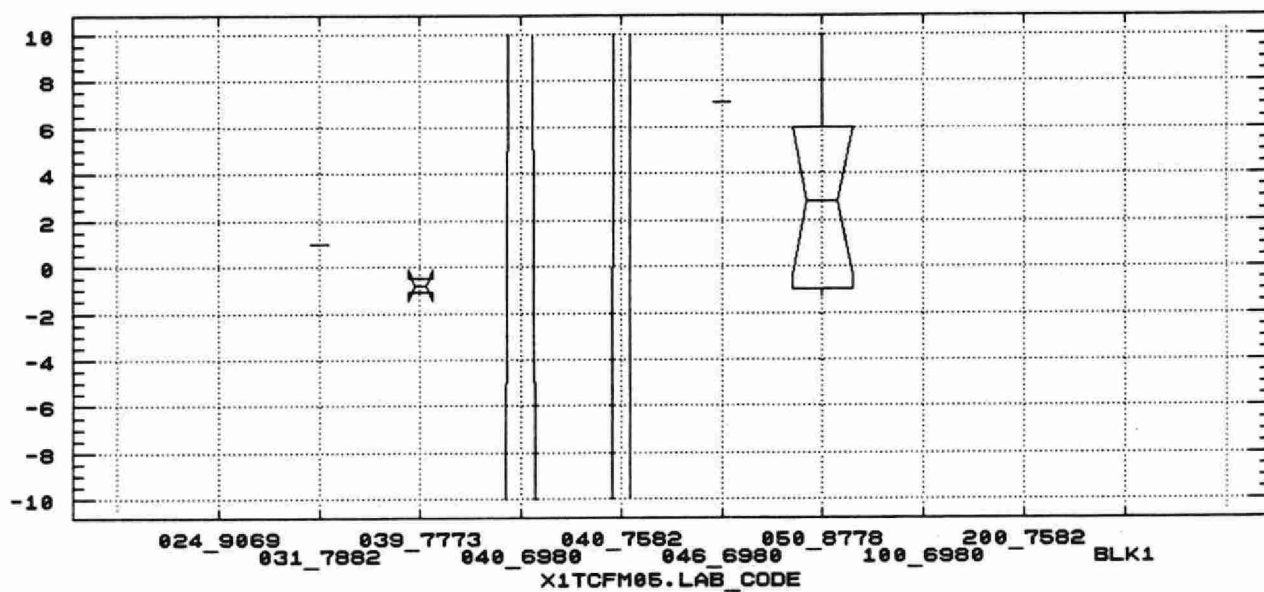
TRAVELLING SPIKED BLANKS

X1TCFM01.DIFF



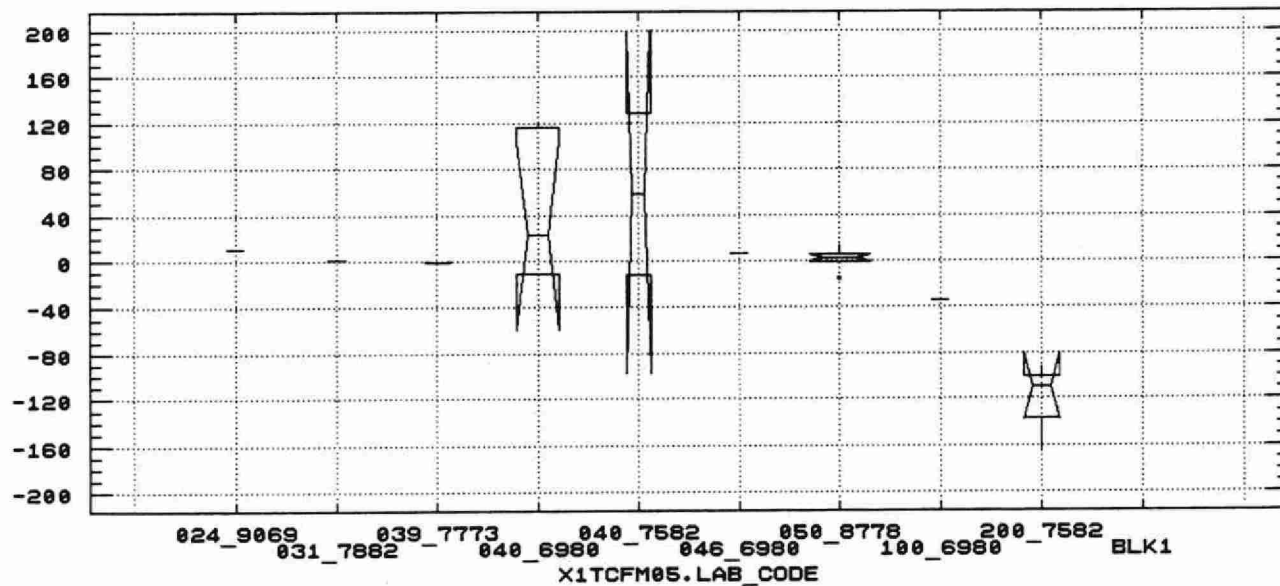
TRAVELLING SPIKED BLANKS

X1TCFM05.DIFF



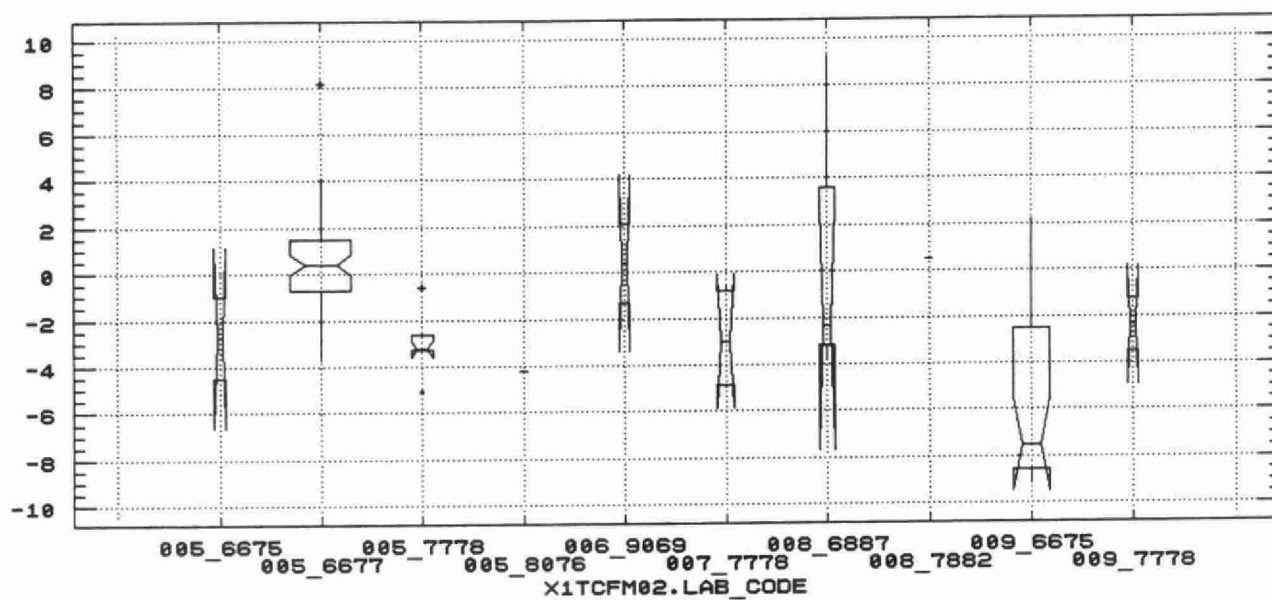
TRAVELLING SPIKED BLANKS

X1TCFM05.DIFF



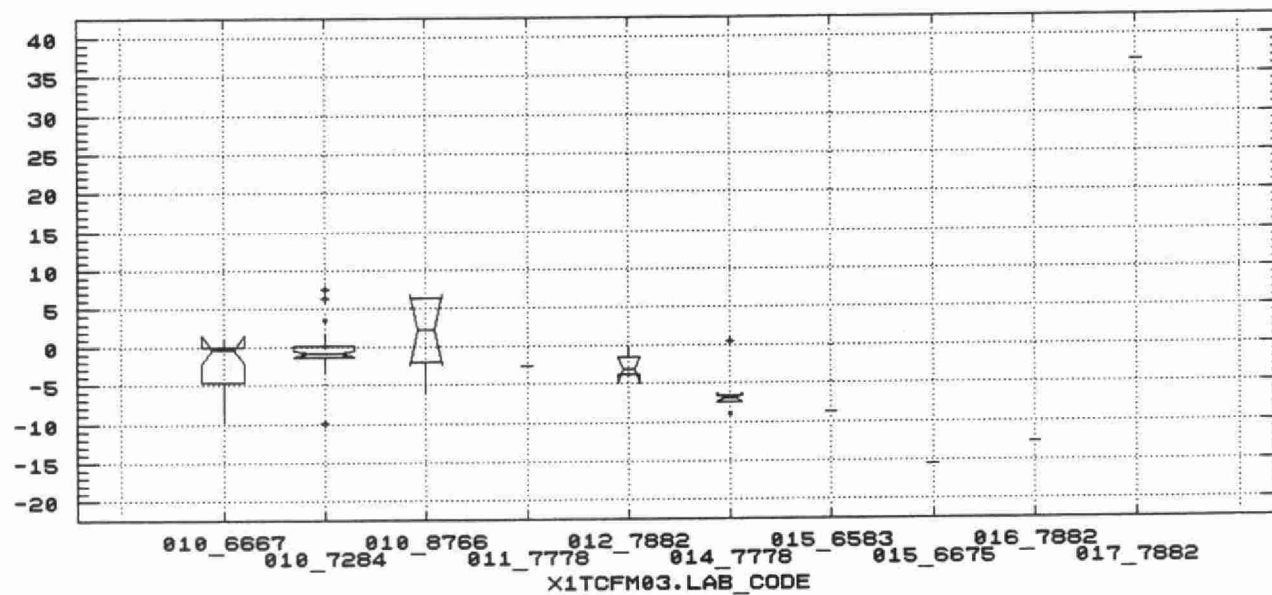
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X1TCFM02.DIFF



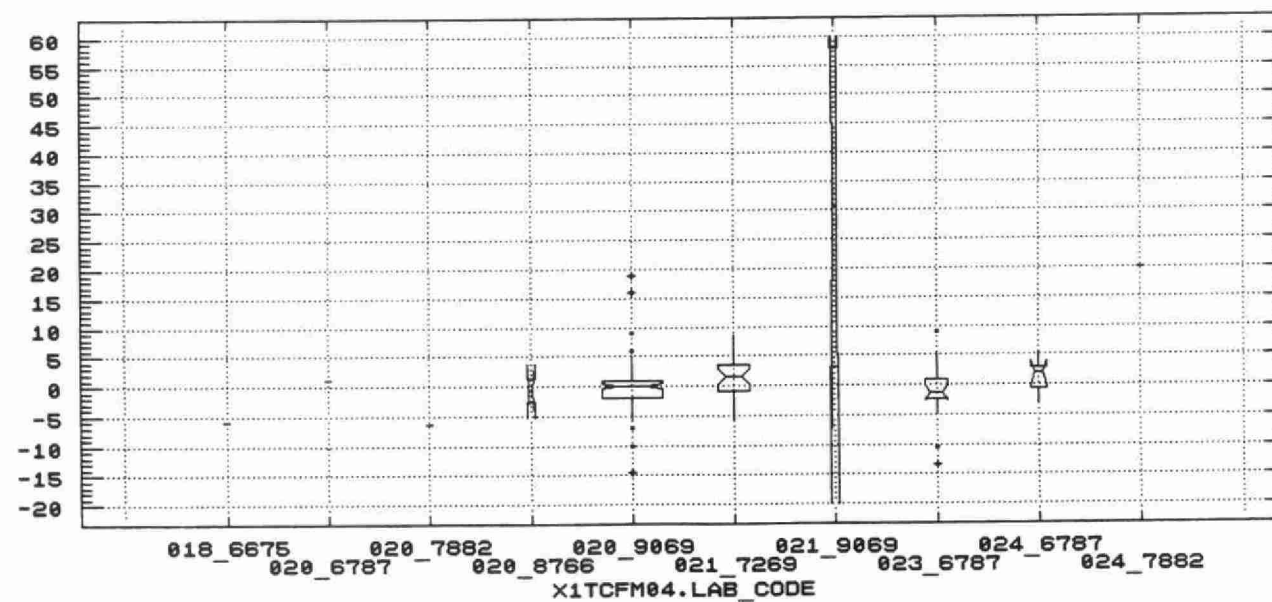
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X1TCFM03.DIFF



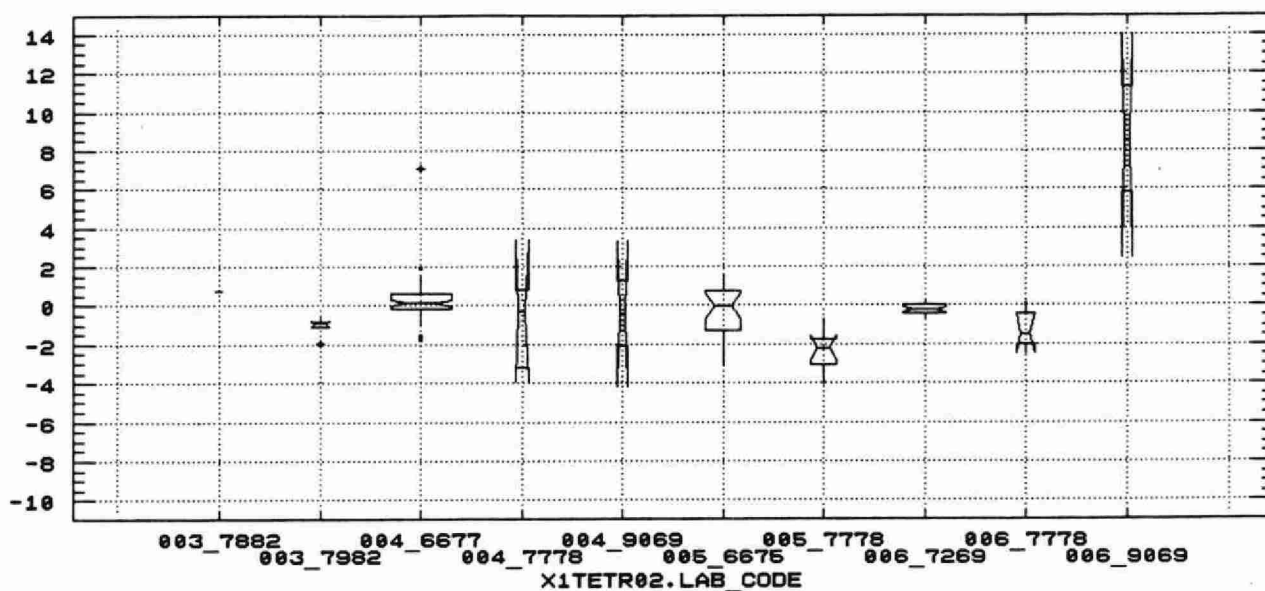
TRAVELLING SPIKED BLANKS

X1TCFM04.DIFF



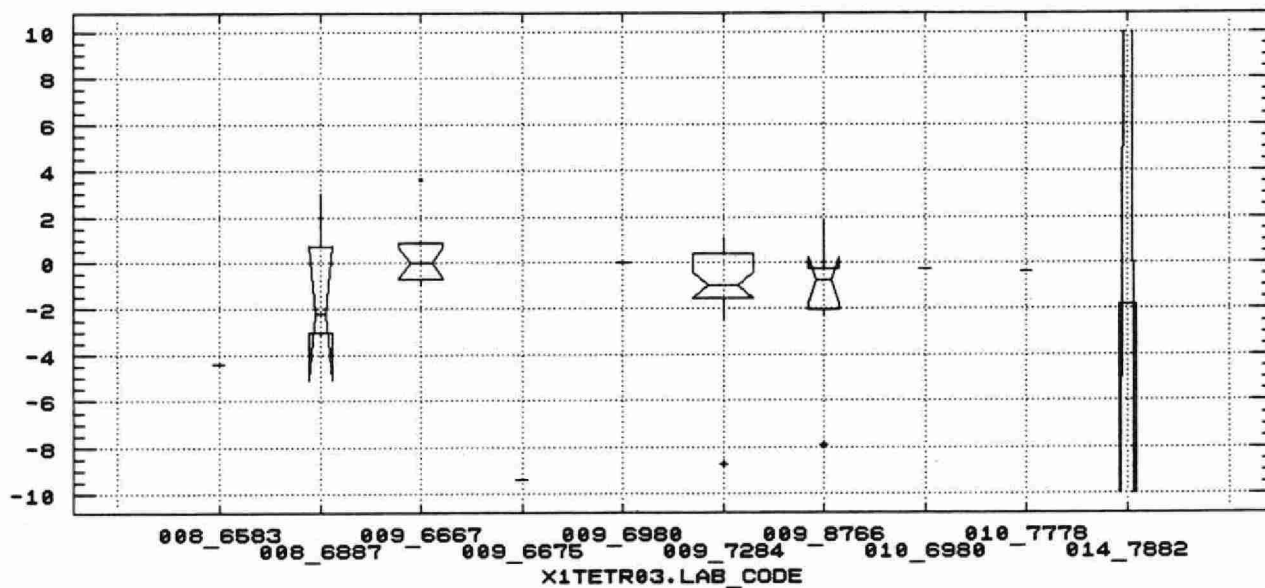
TRAVELLING SPIKED BLANKS

X1TETR02.DIFF



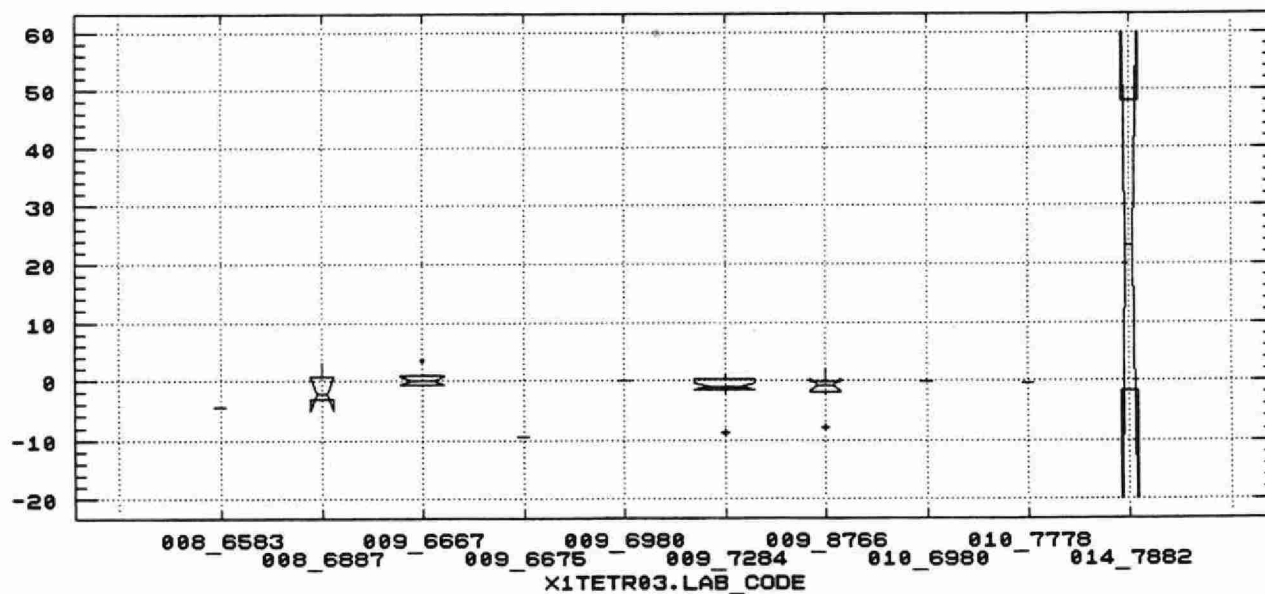
TRAVELLING SPIKED BLANKS

X1TETR03.DIFF



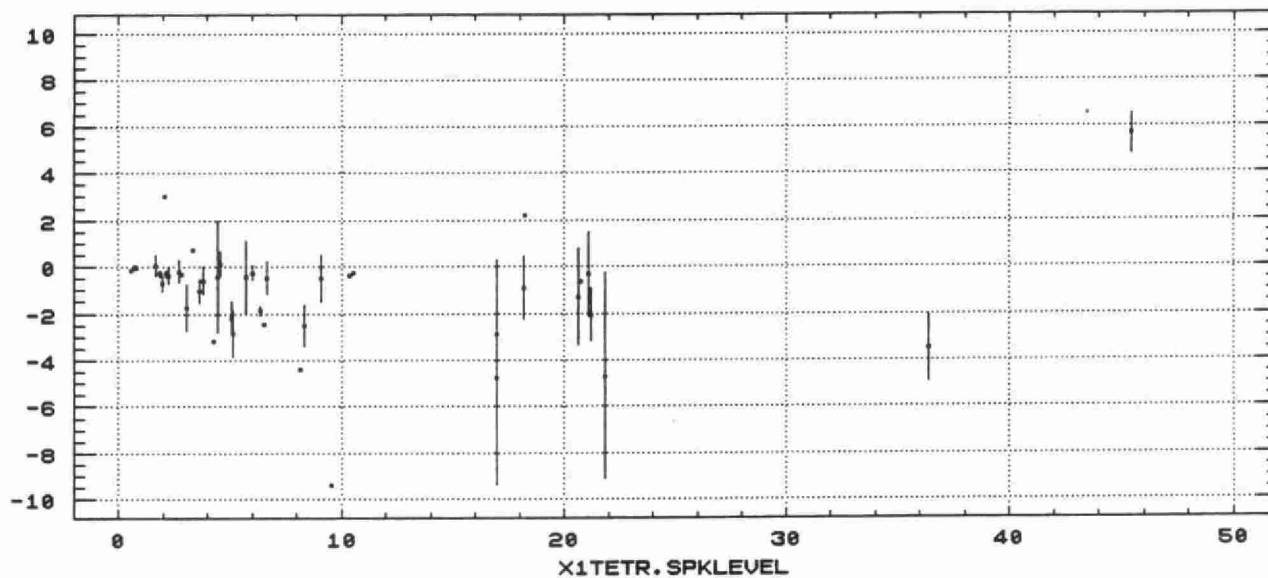
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X1TETR03.DIFF



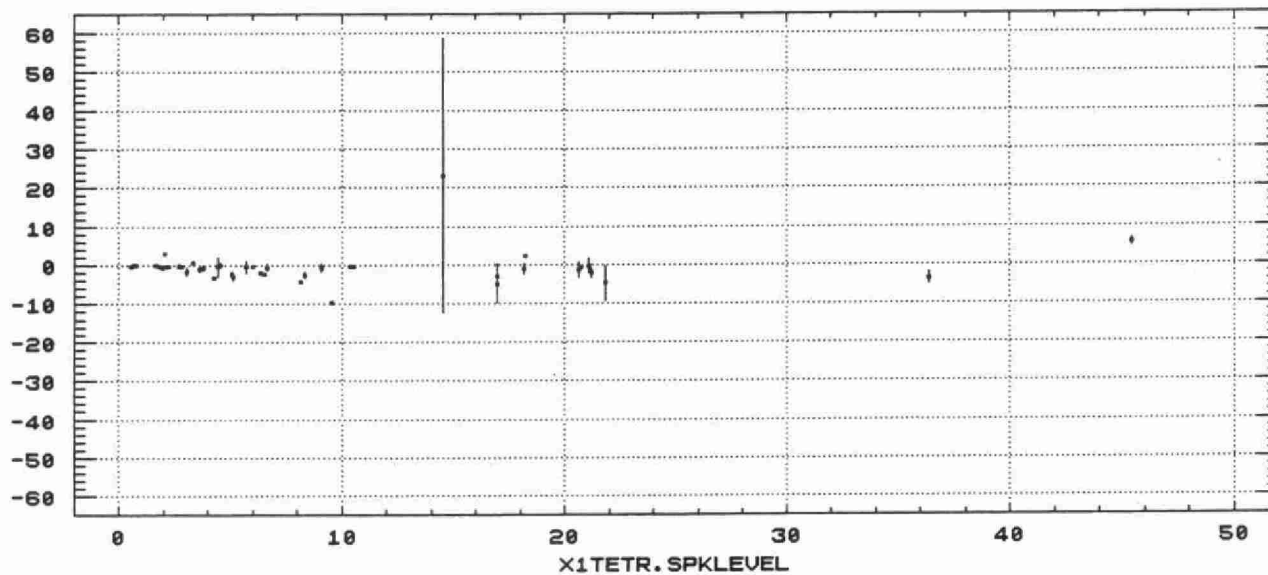
TRAVELLING SPIKED BLANKS

X1TETR.AVG



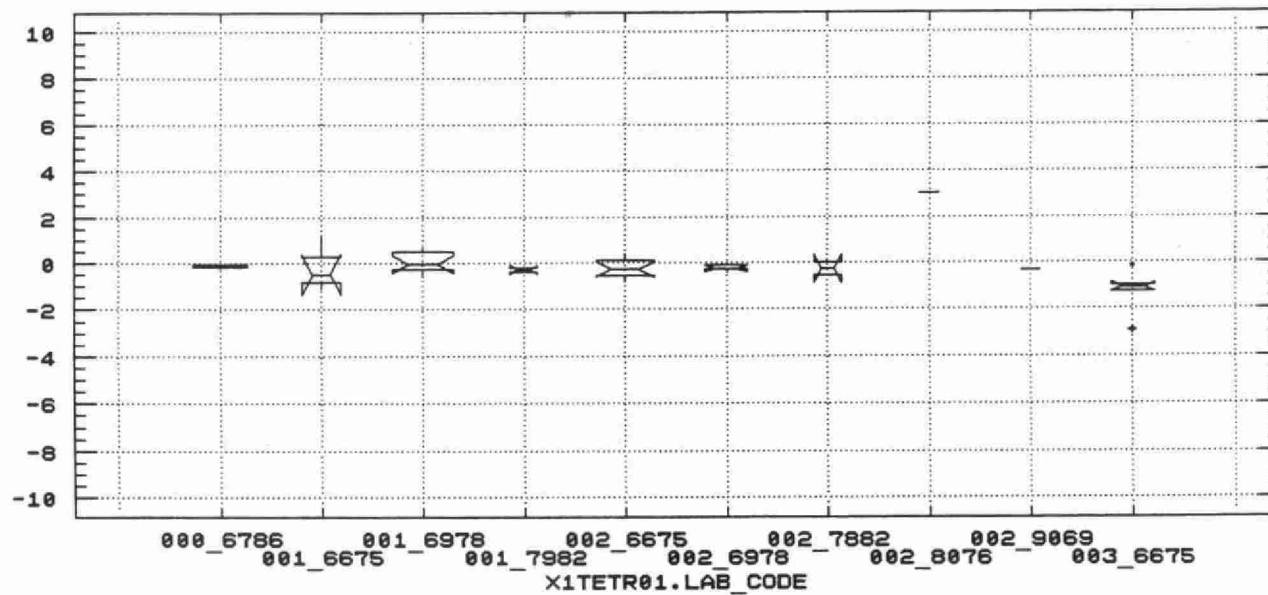
TRAVELLING SPIKED BLANKS

X1TETR.AVG



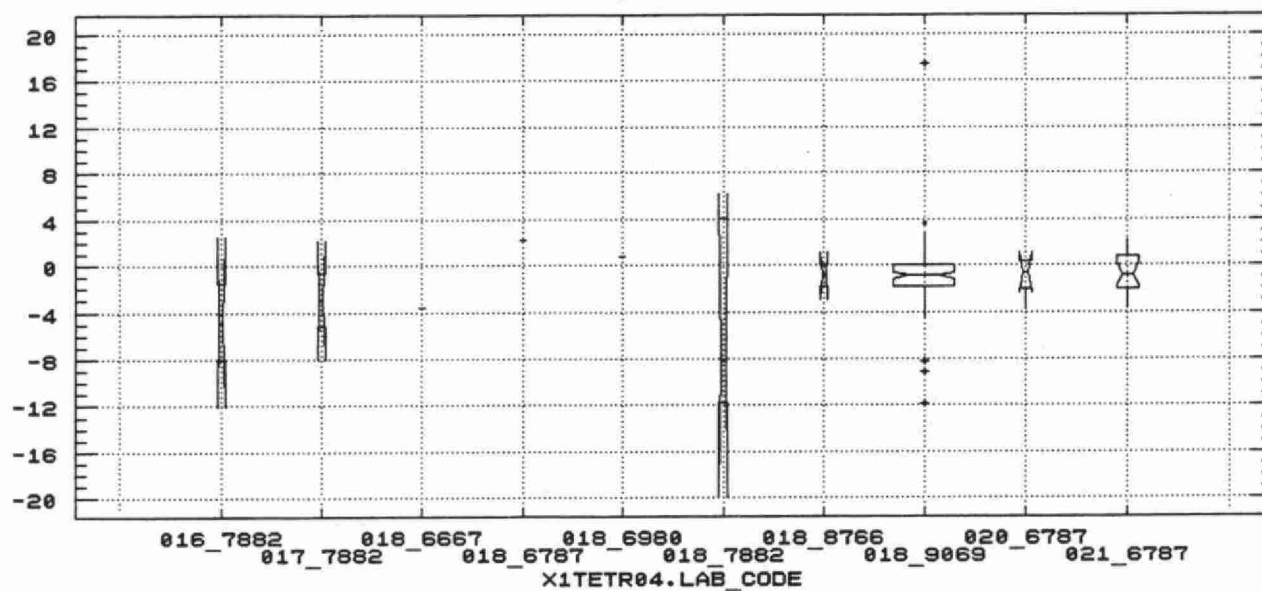
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X1TETR01.DIFF



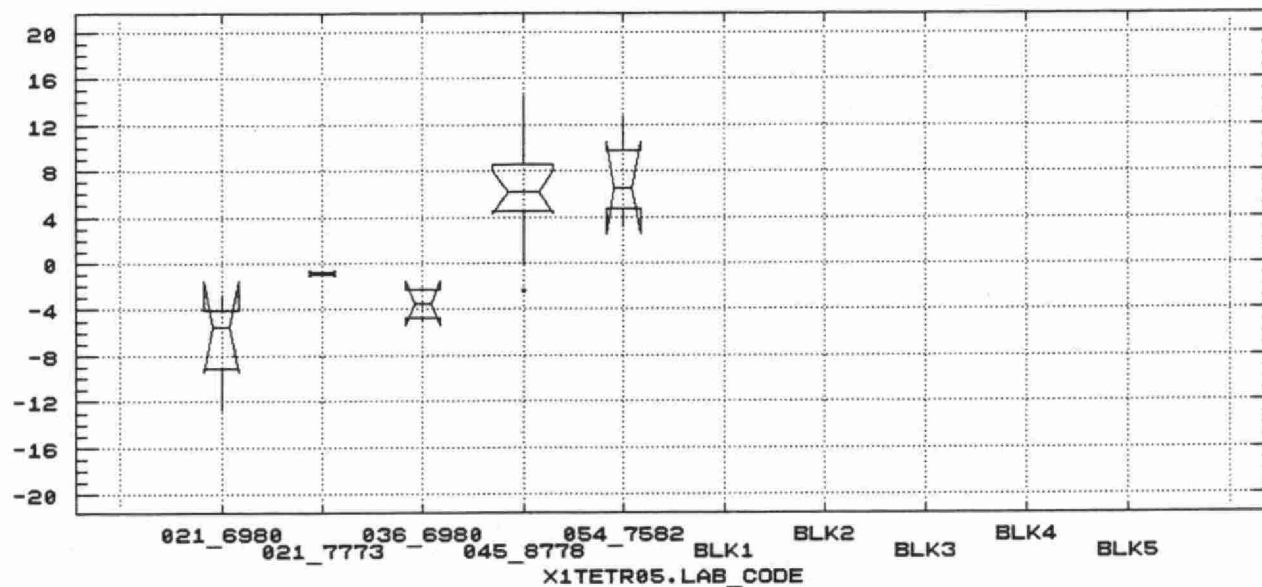
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X1TETR04.DIFF



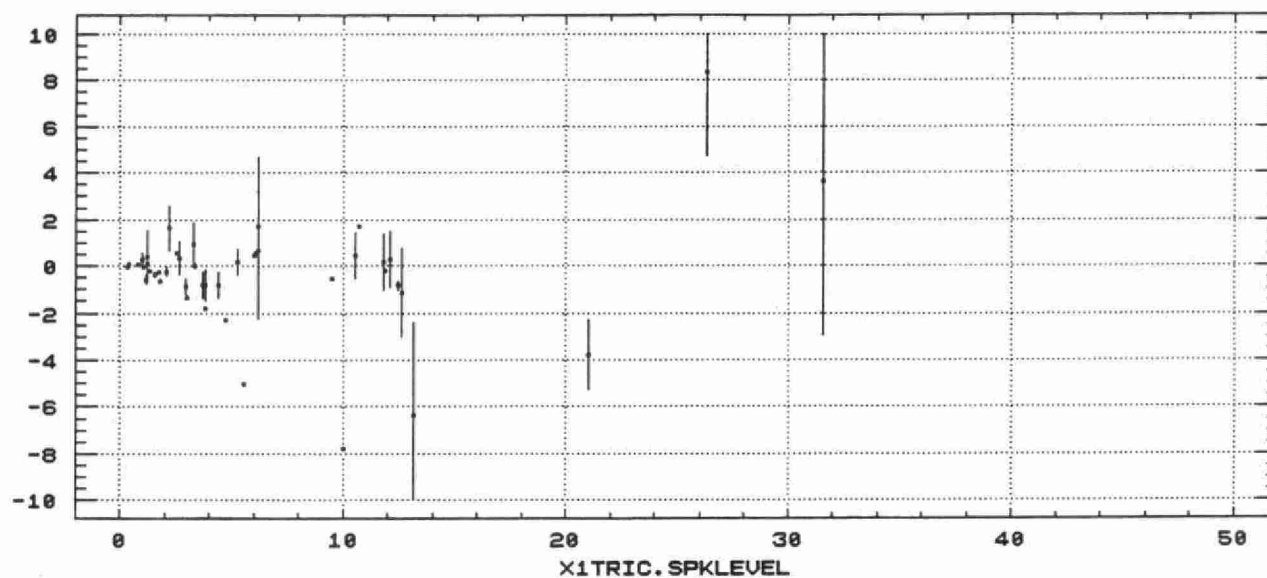
TRAVELLING SPIKED BLANKS

X1TETR05.DIFF



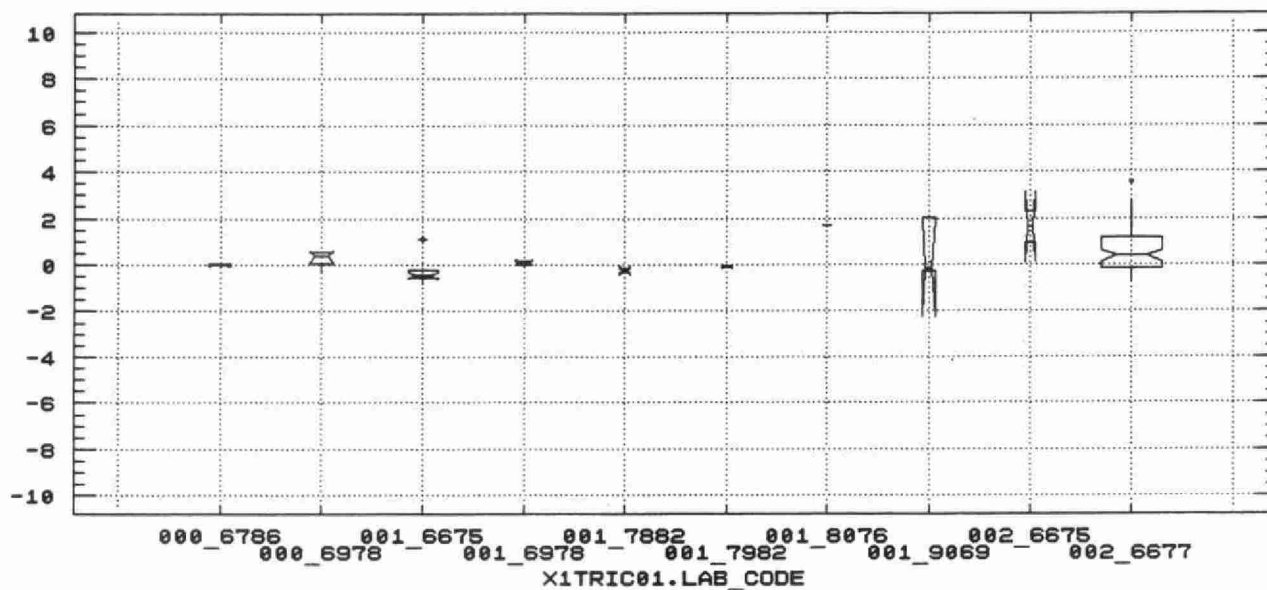
TRAVELLING SPIKED BLANKS

X1TRIC.AVG



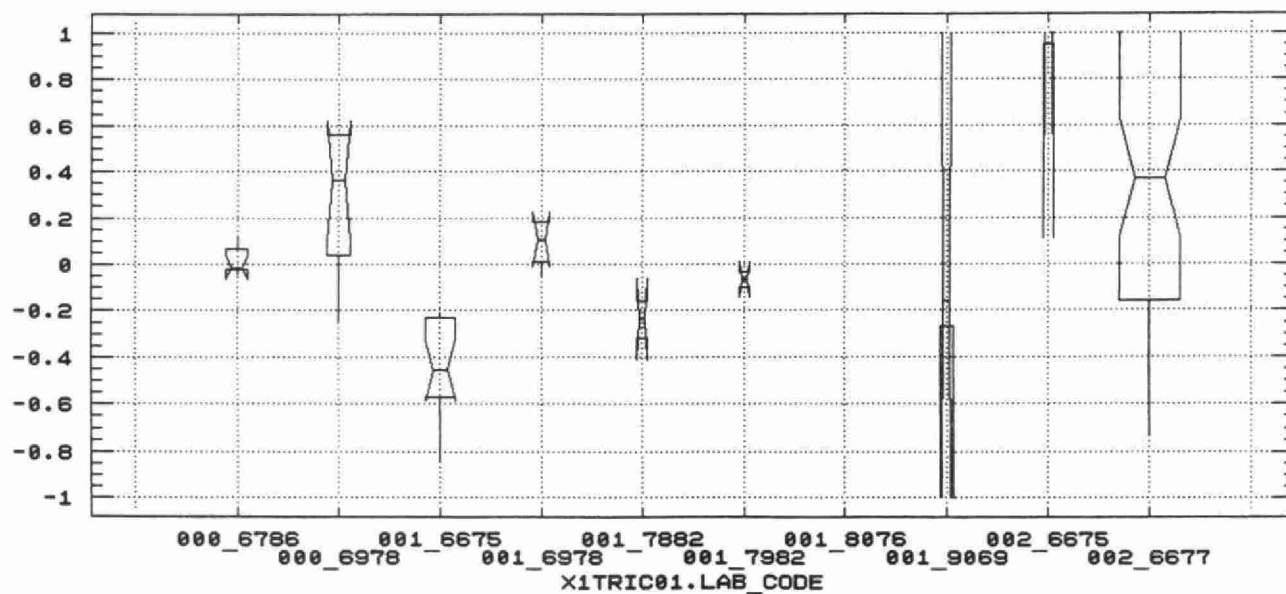
TRAVELLING SPIKED BLANKS

X1TRIC01.DIFF



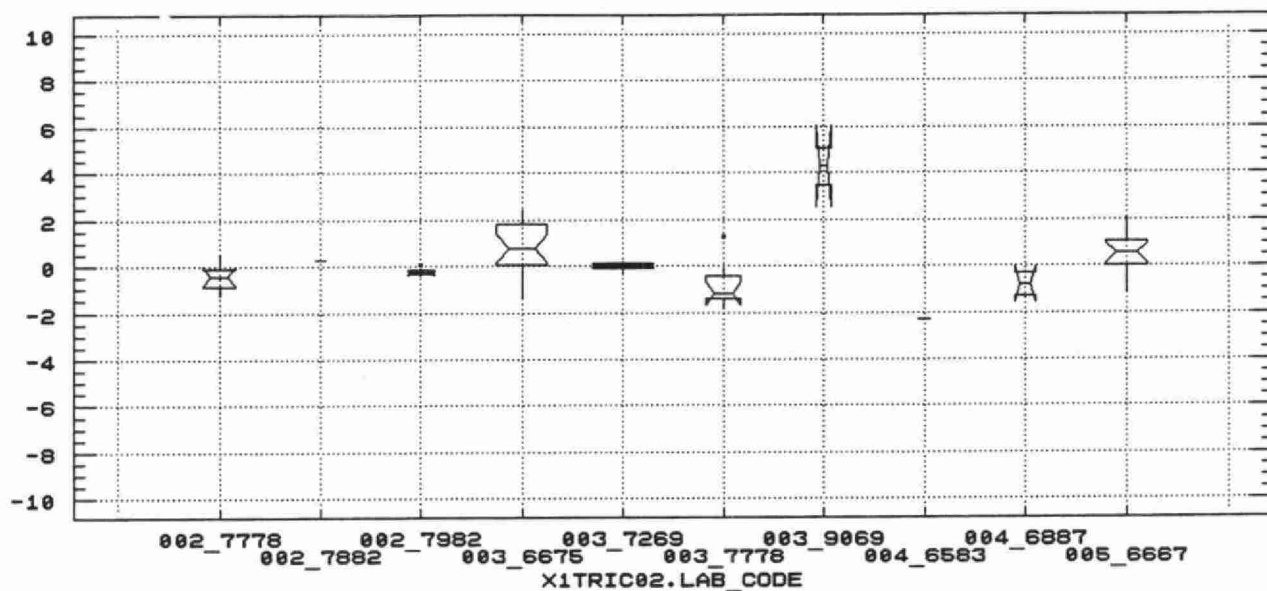
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X1TRIC01.DIFF



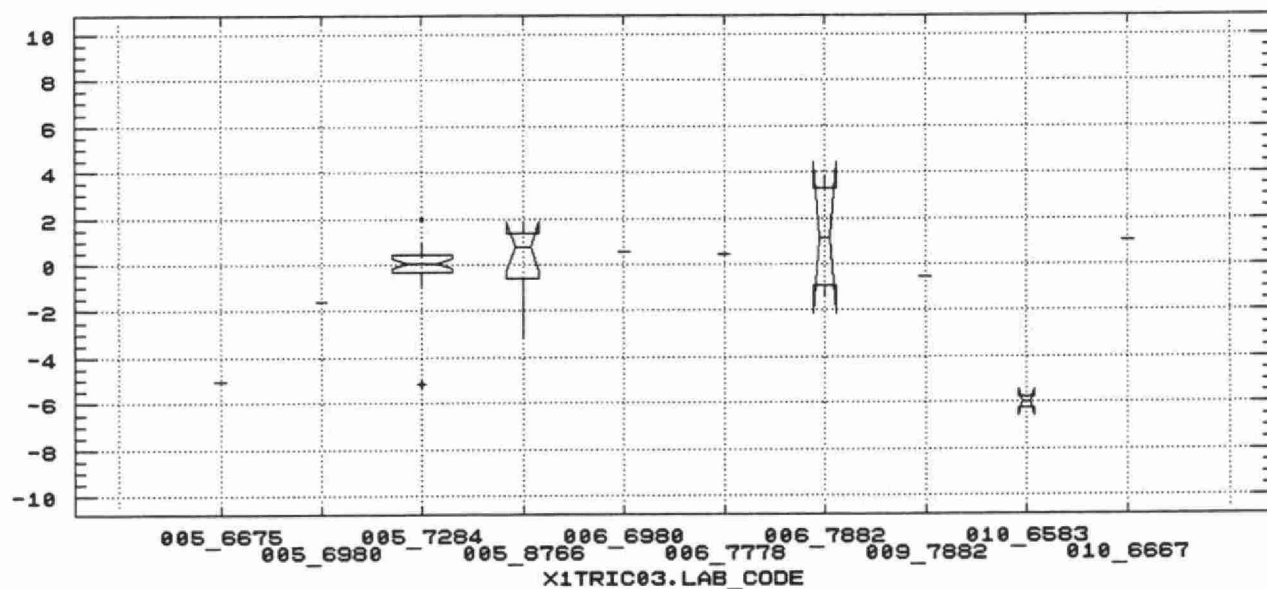
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X1TRIC02.DIFF



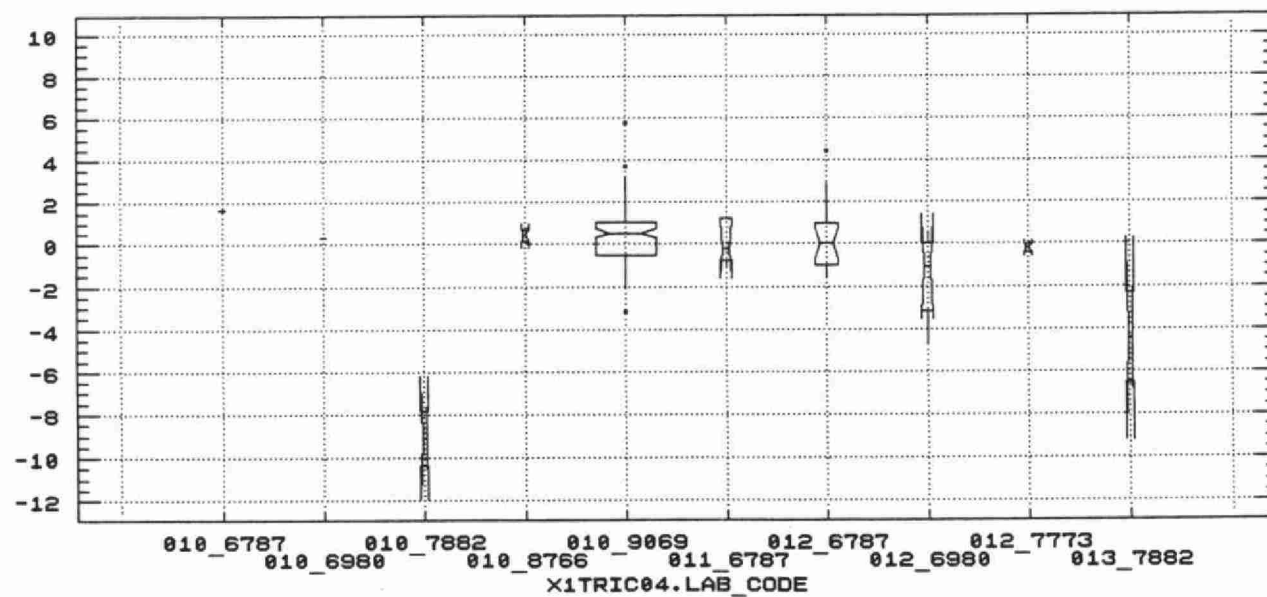
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X1TRIC03.DIFF



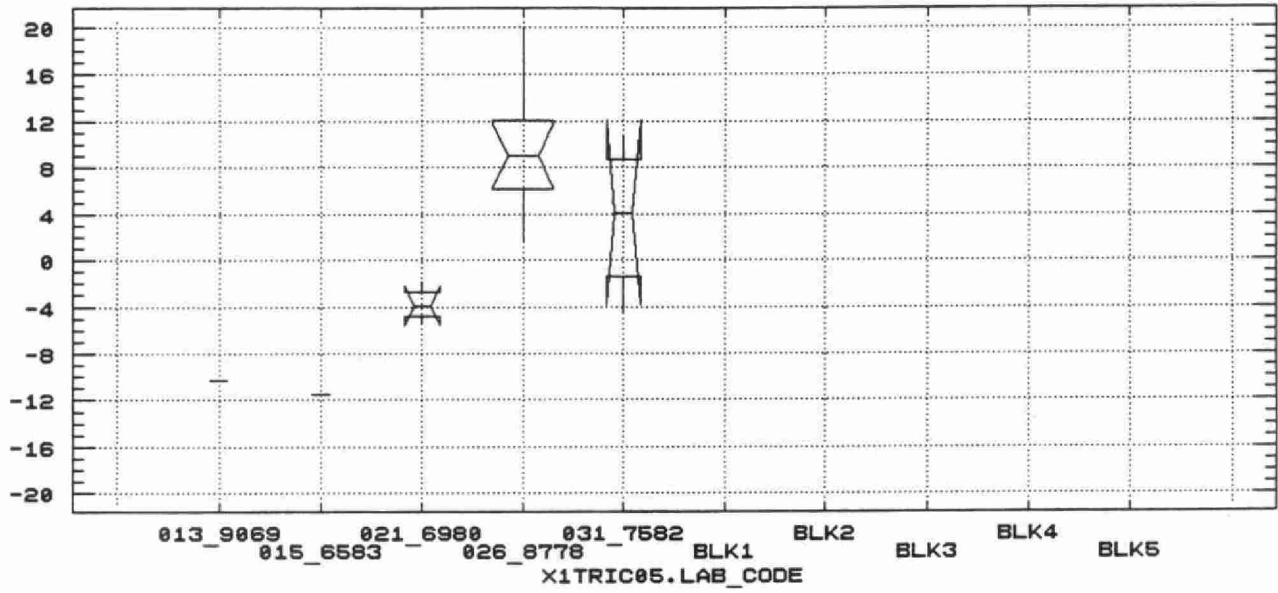
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X1TRIC04.DIFF



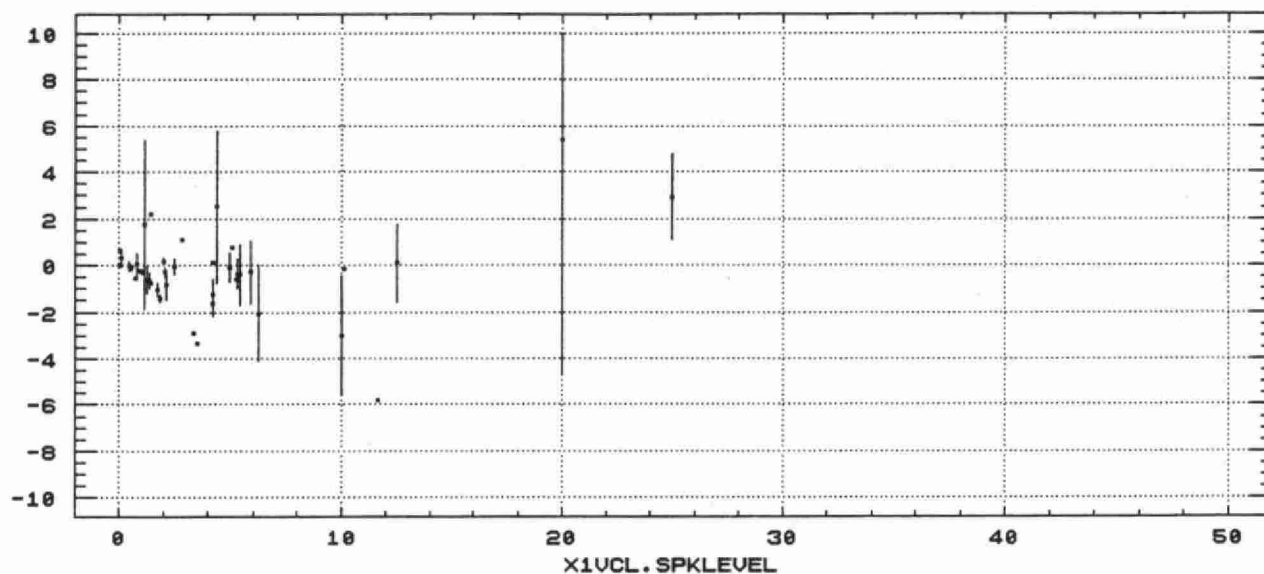
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X1TRIC05.DIFF



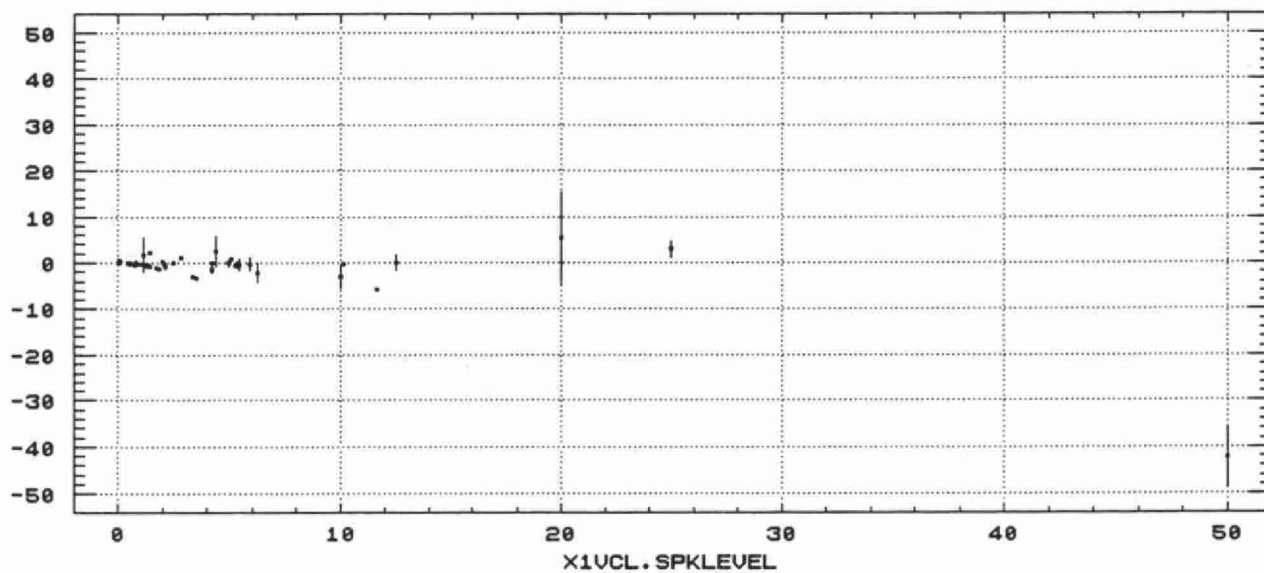
TRAVELLING SPIKED BLANKS

X1VCL.AVG



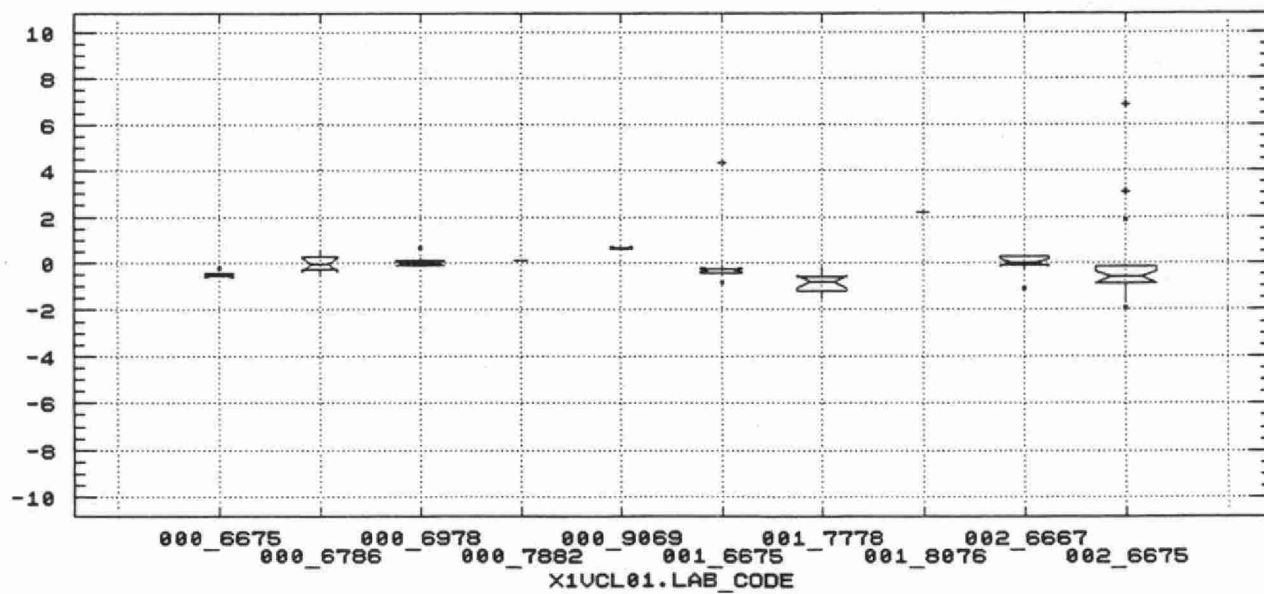
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X1VCL.AVG



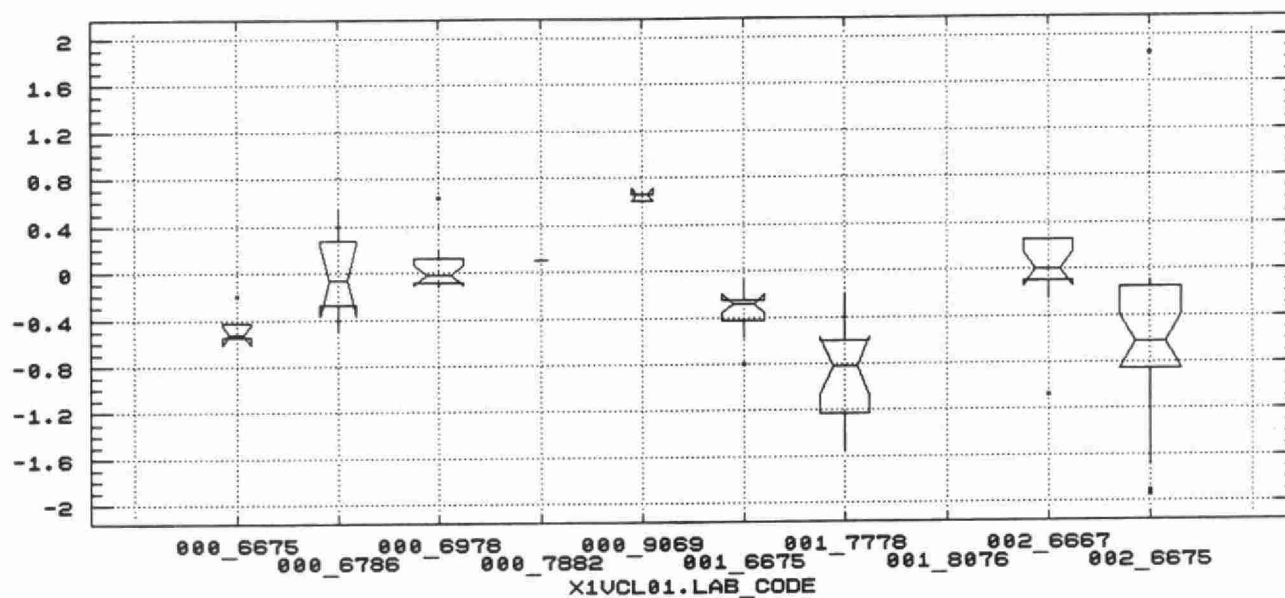
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X1VCL01.DIFF



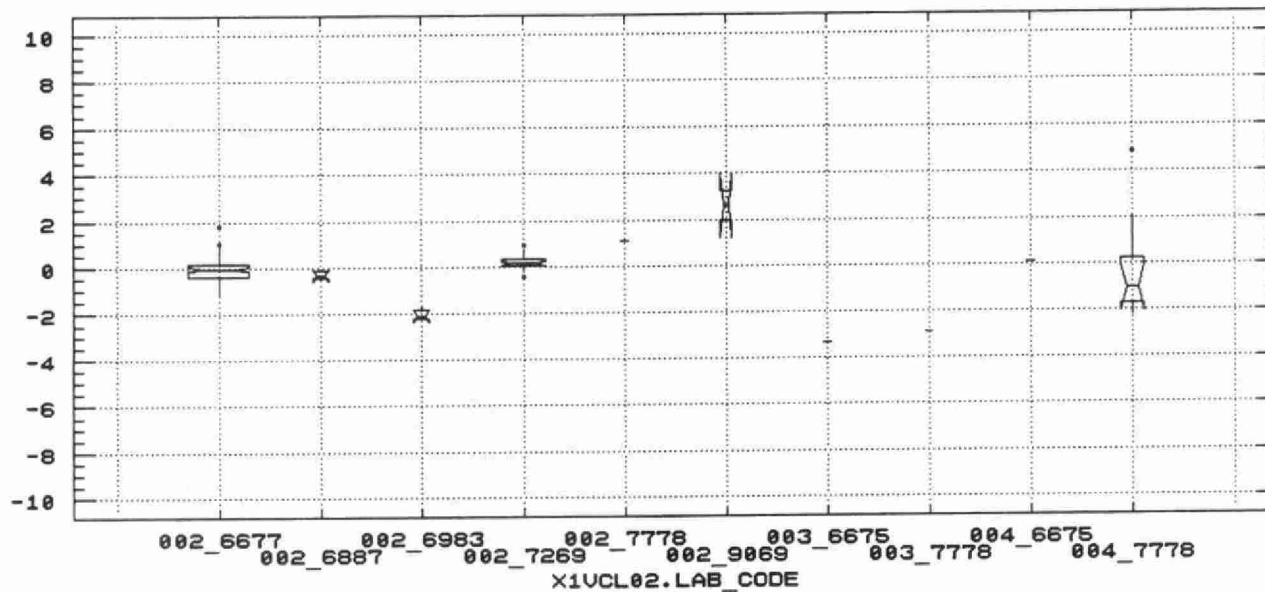
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X1VCL01.DIFF



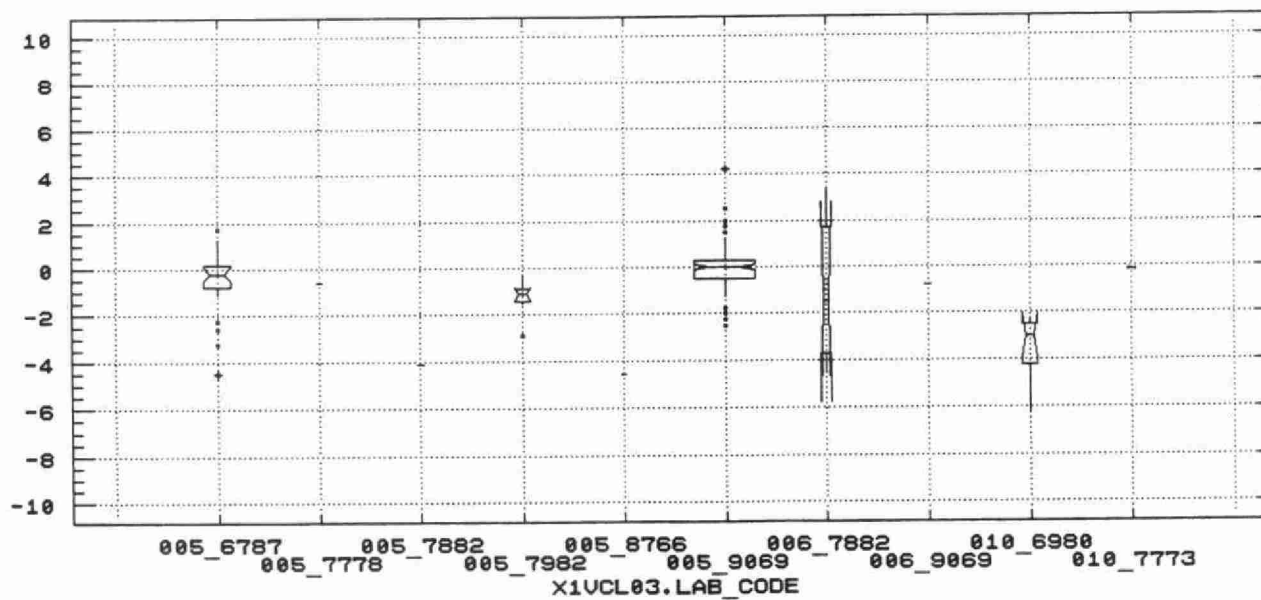
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X1VCL02.DIFF



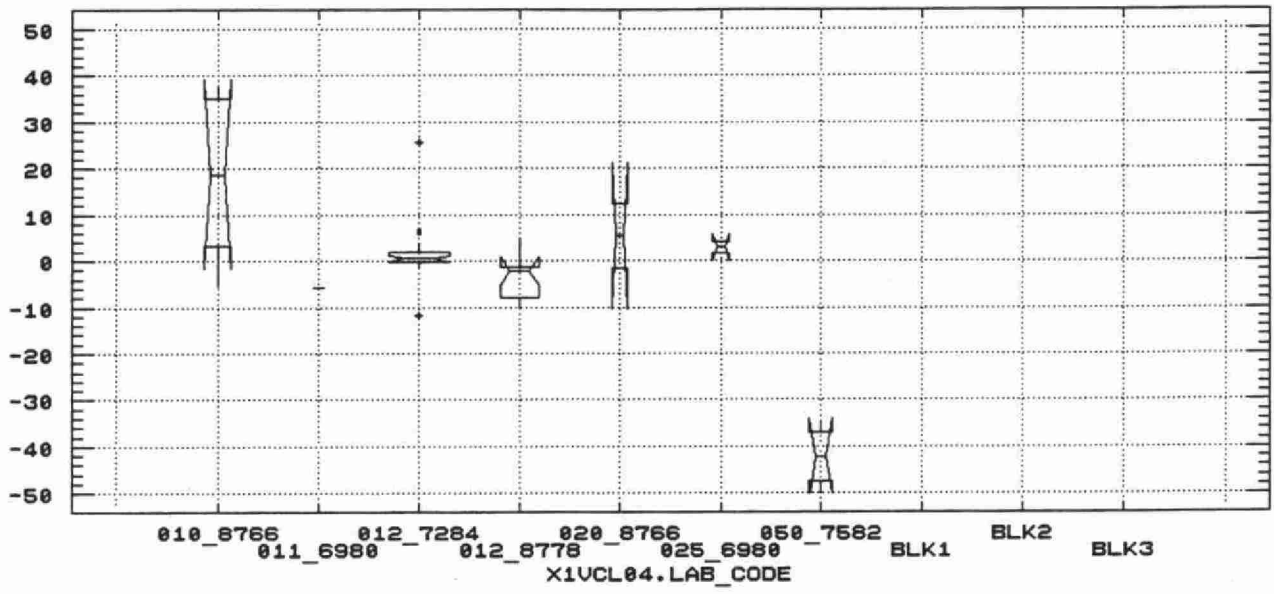
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X1VCL03.DIFF



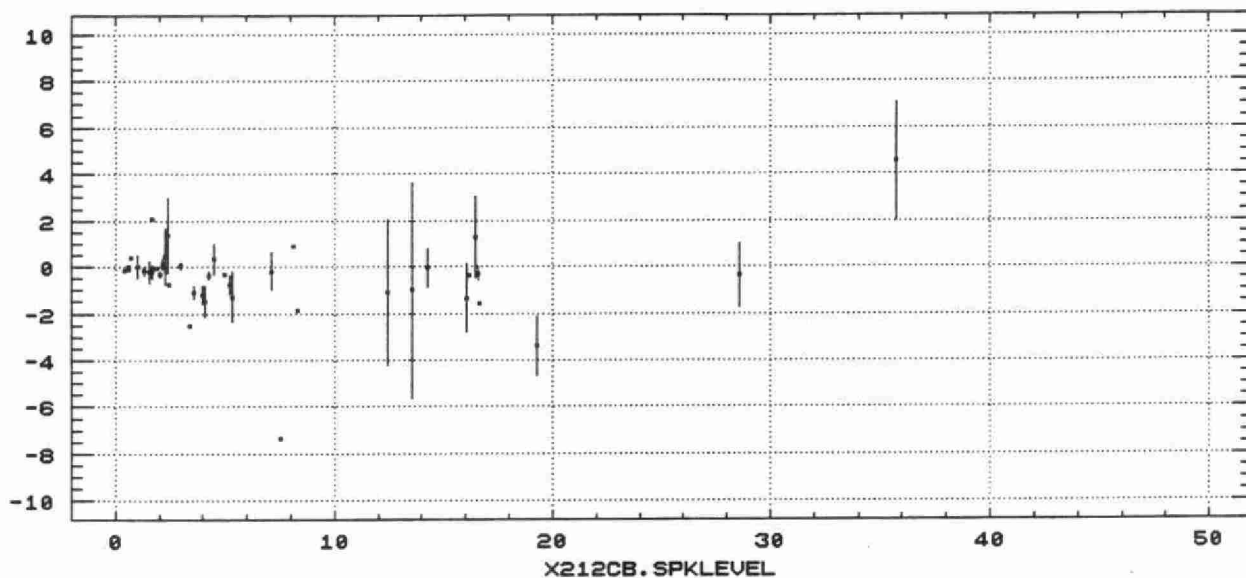
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X1VCL04.DIFF



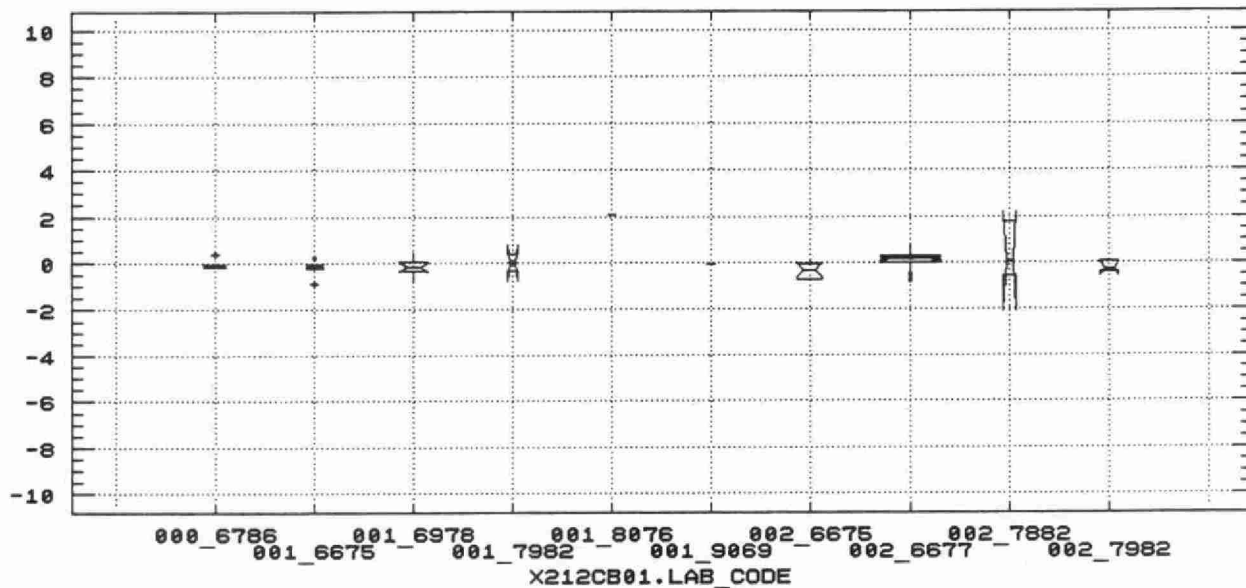
TRAVELLING SPIKED BLANKS

X212CB.AUG



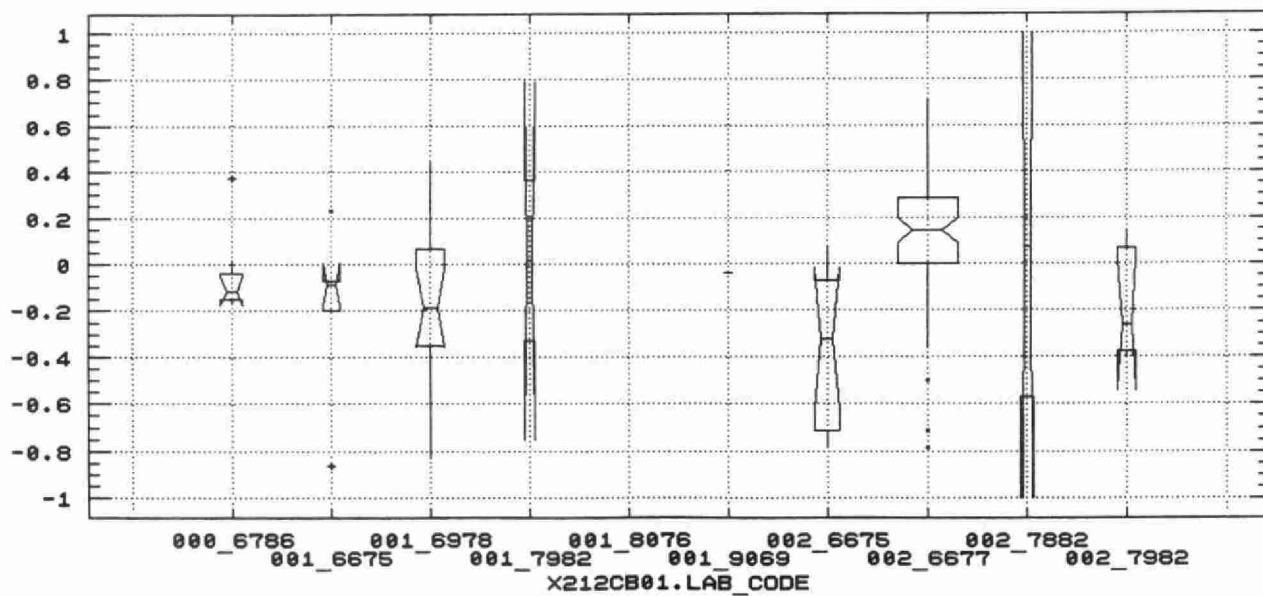
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X212CB01.DIFF



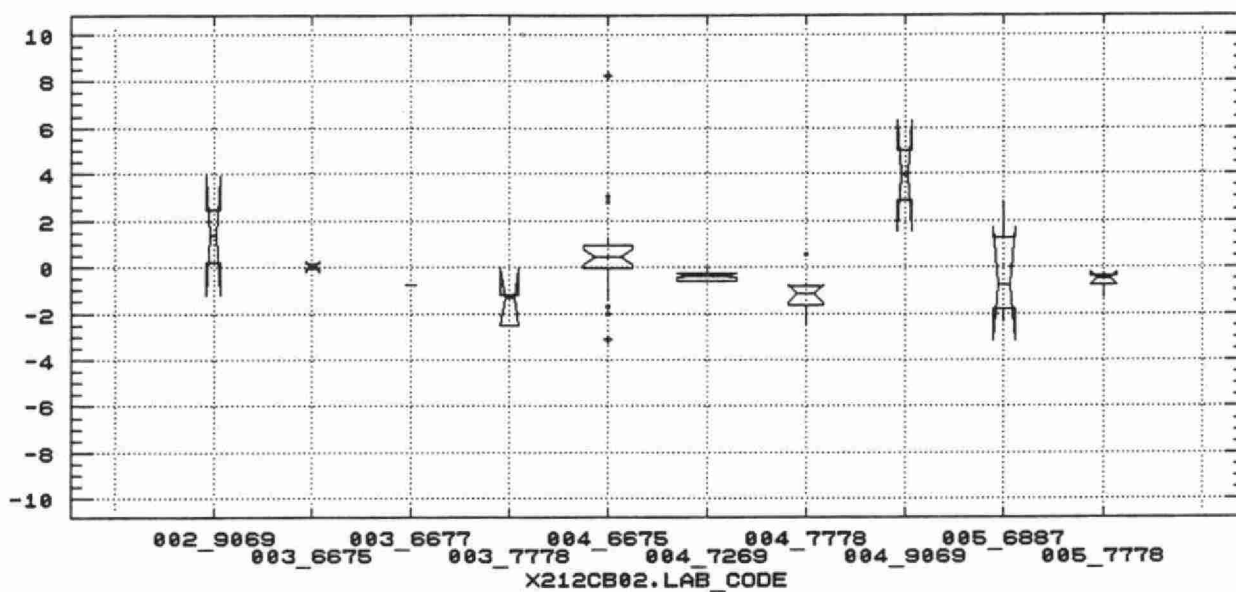
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X212CB01.DIFF



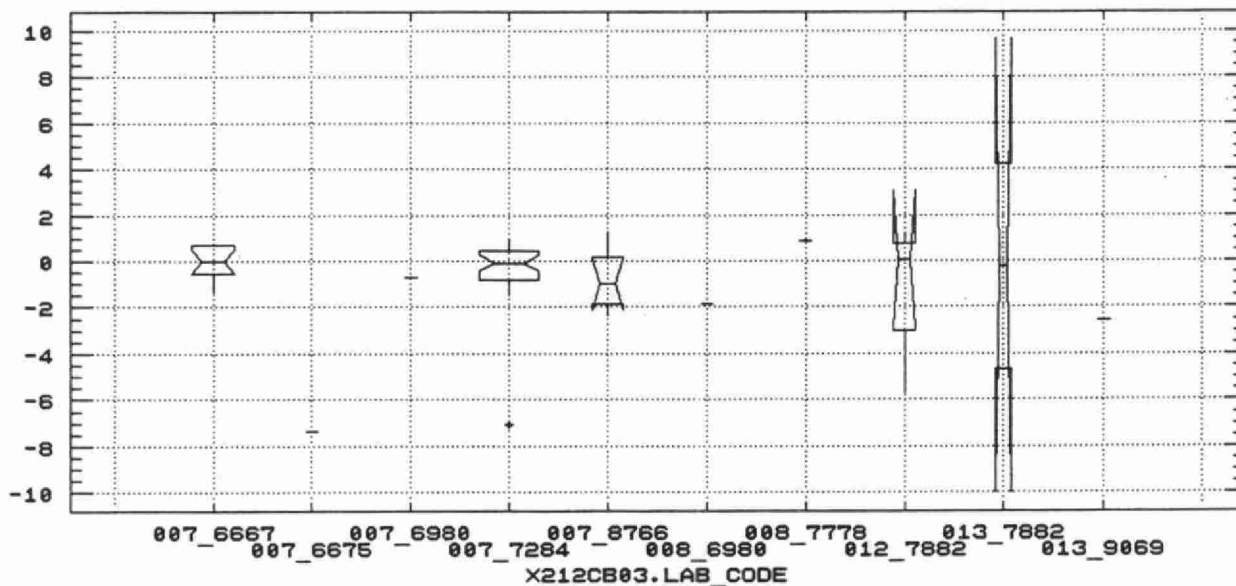
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X212CB02.DIFF



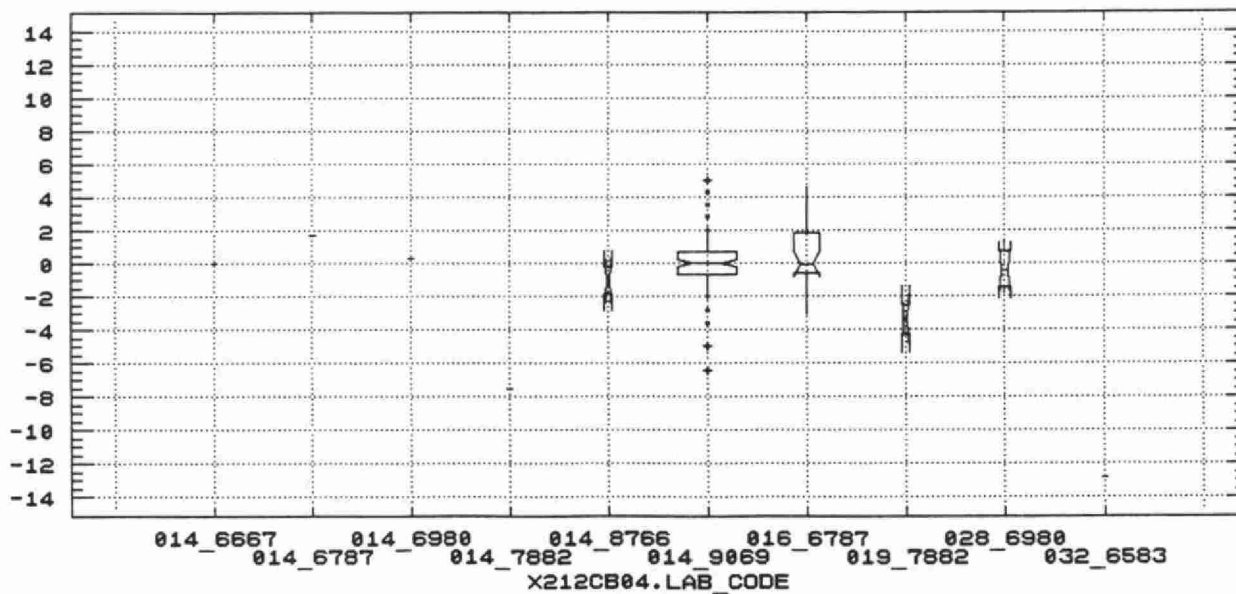
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X212CB03.DIFF



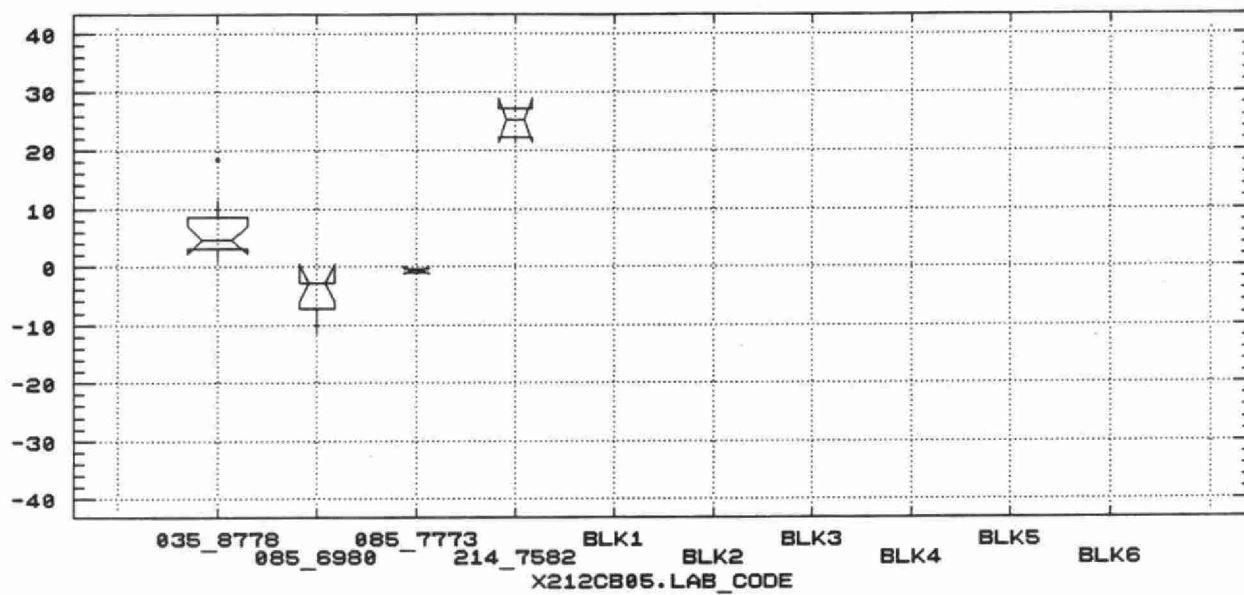
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X212CB04.DIFF



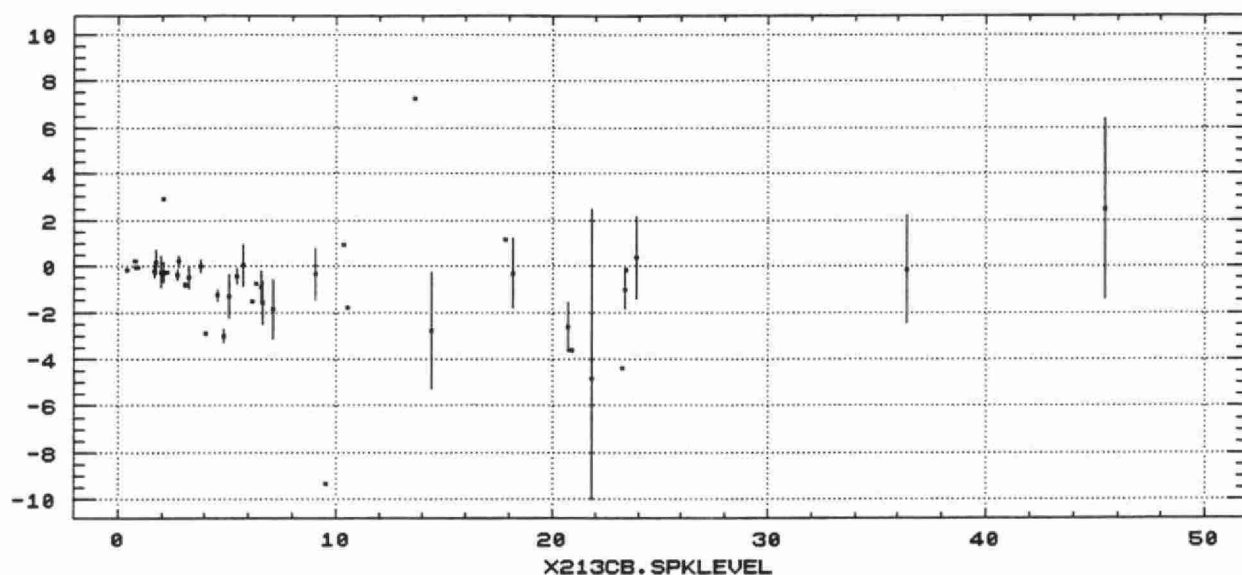
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X212CB05.DIFF



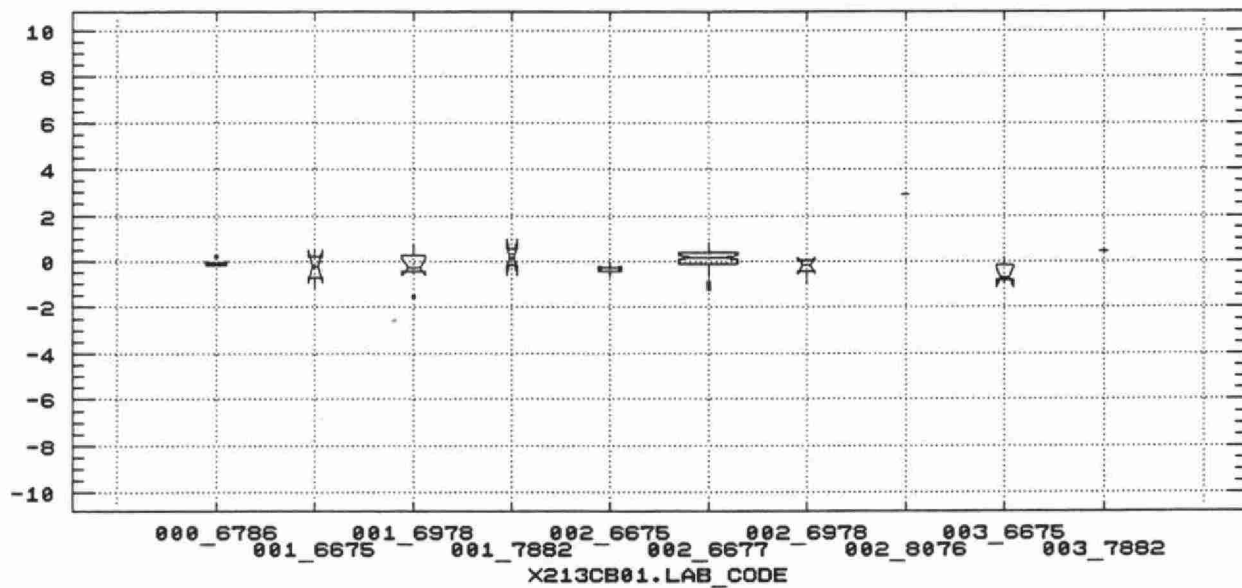
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X213CB.AVG



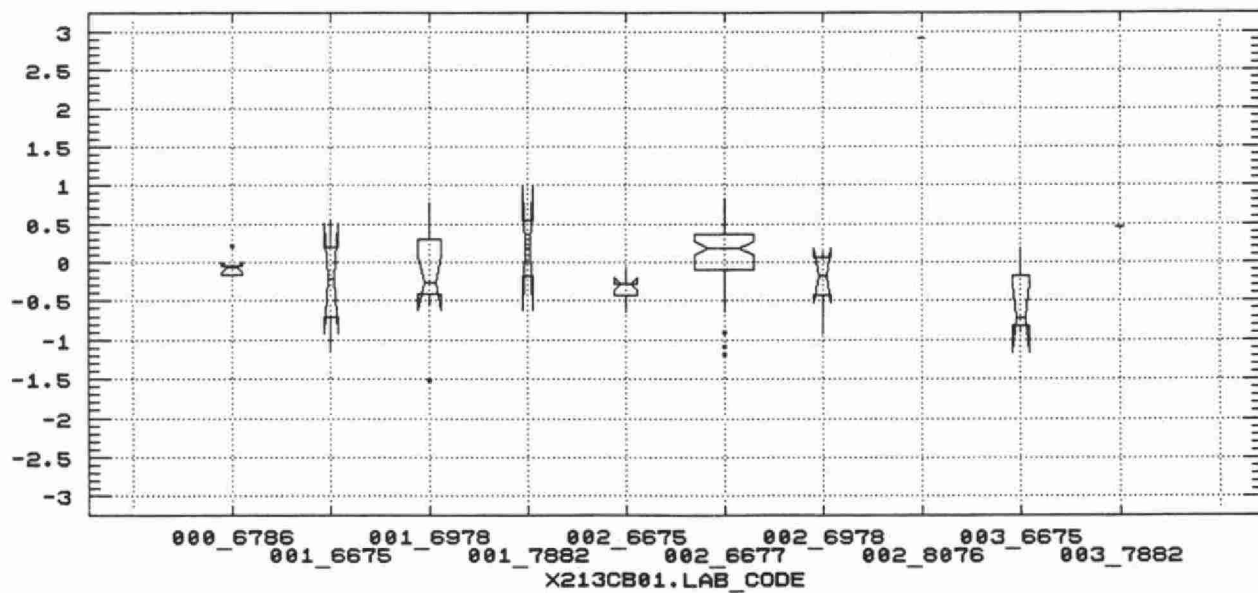
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X213CB01.DIFF



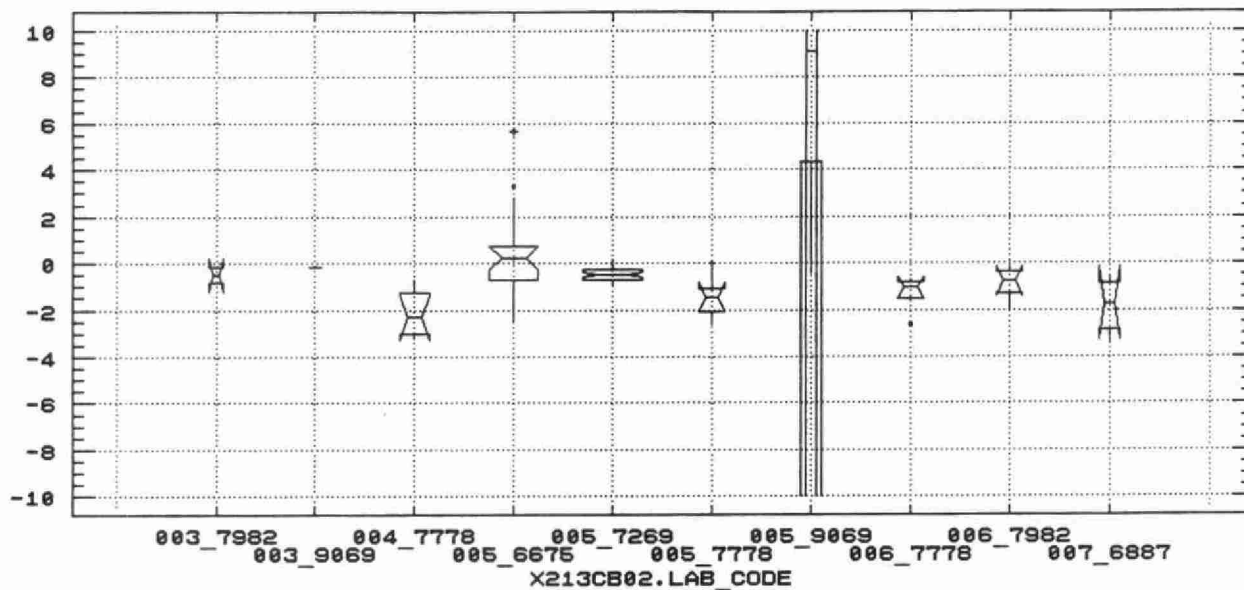
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X213CB01.DIFF



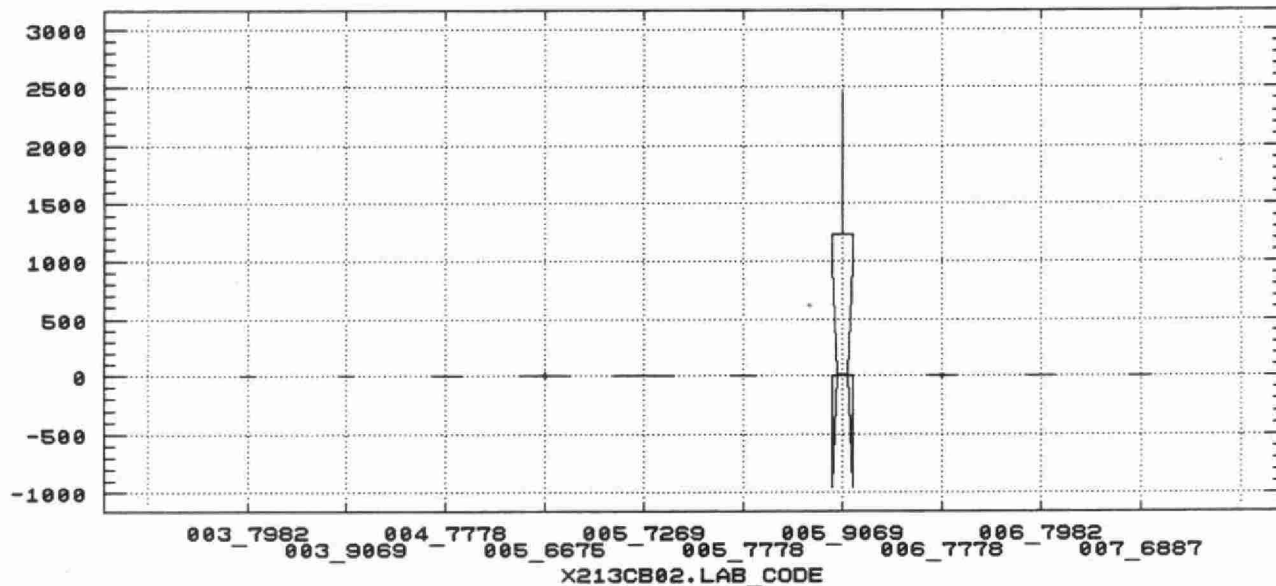
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X213CB02.DIFF



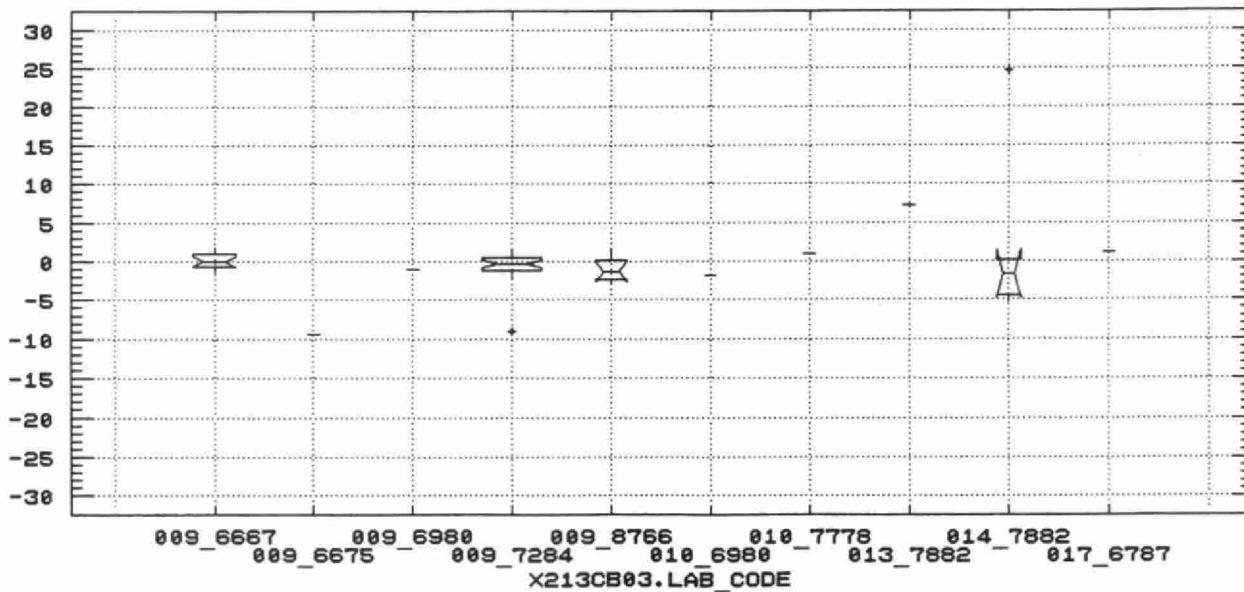
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X213CB02.DIFF



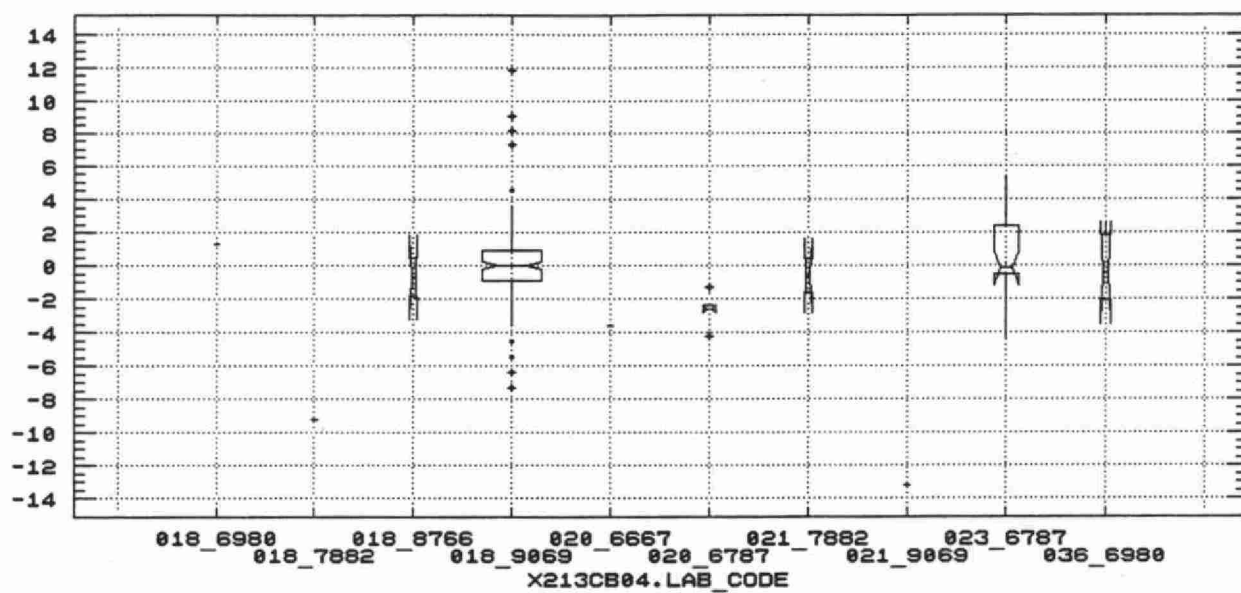
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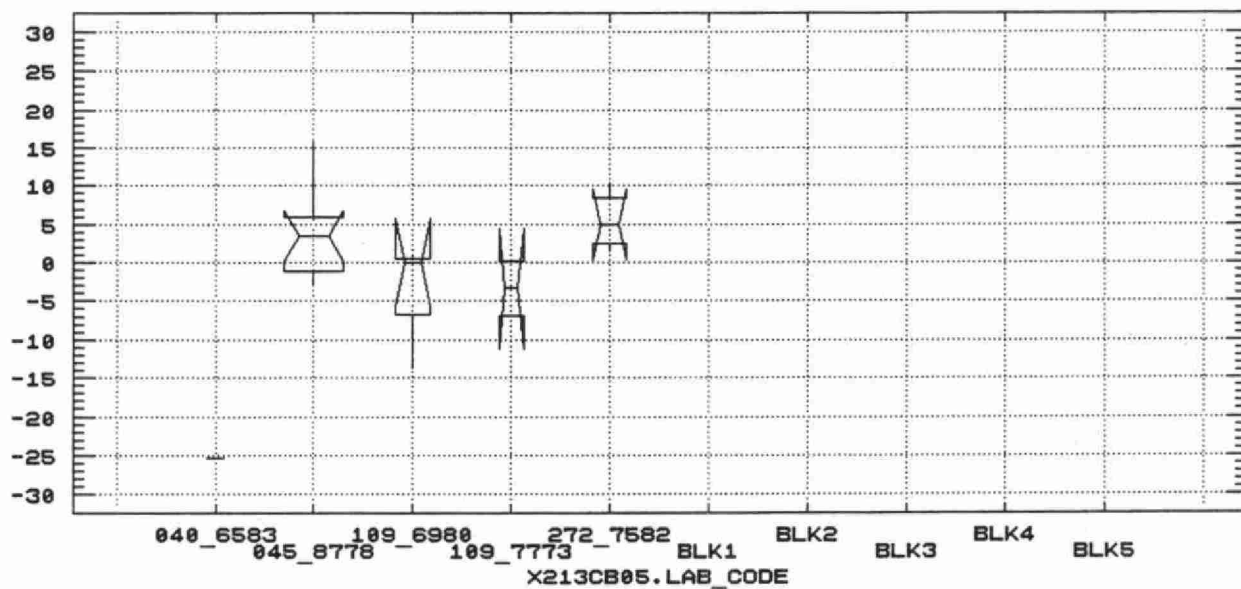
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X213CB04.DIFF



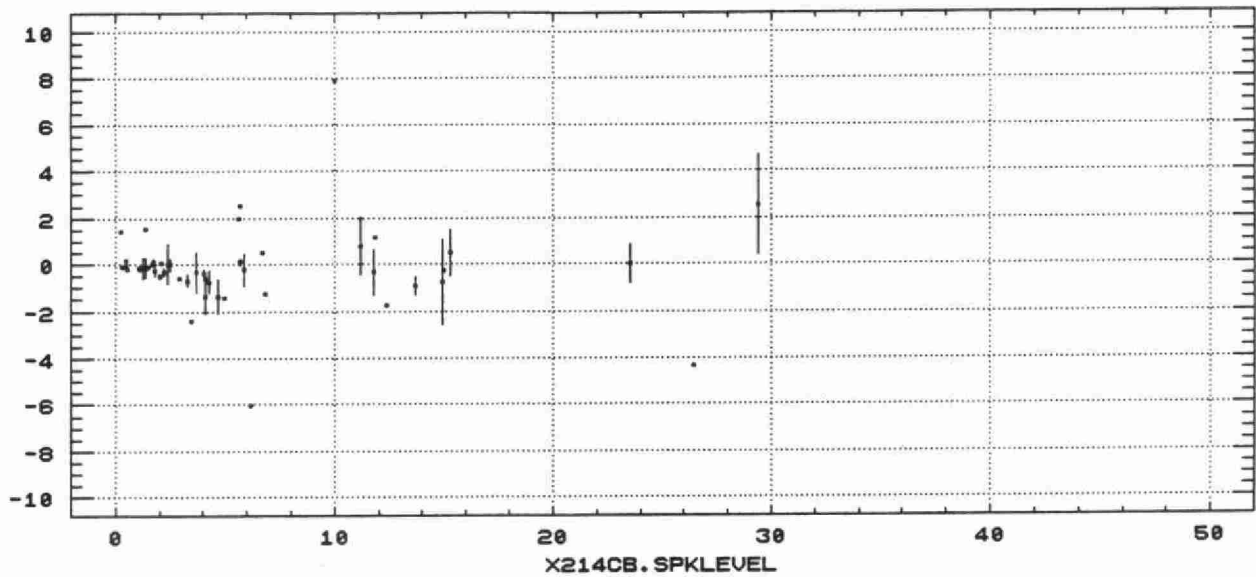
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X213CB05.DIFF



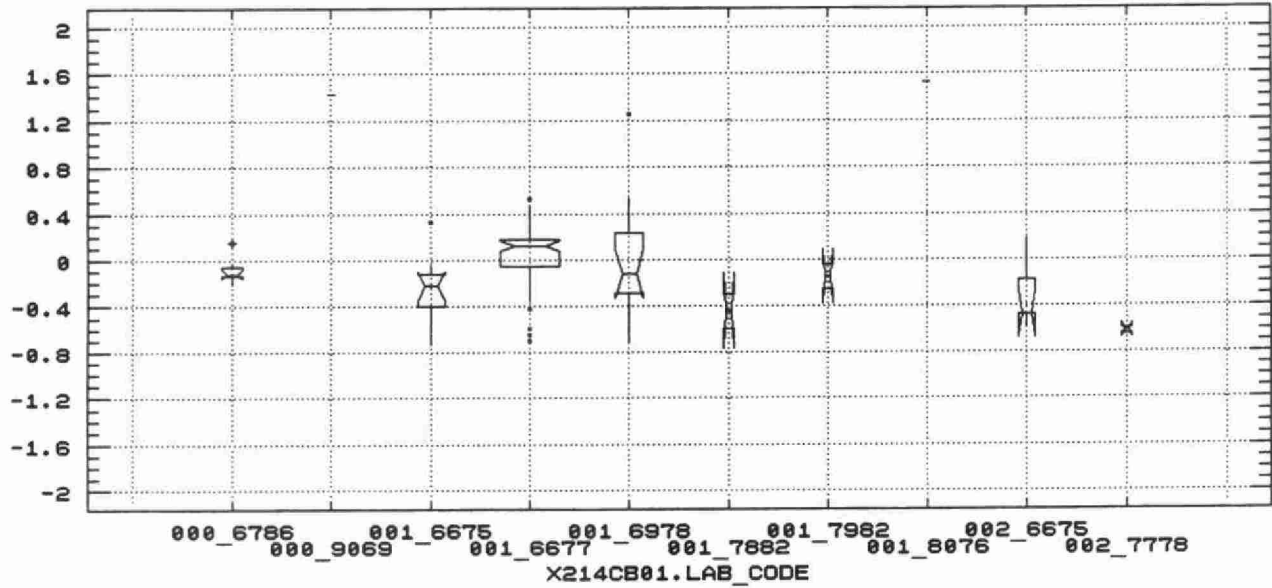
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X214CB.AVG



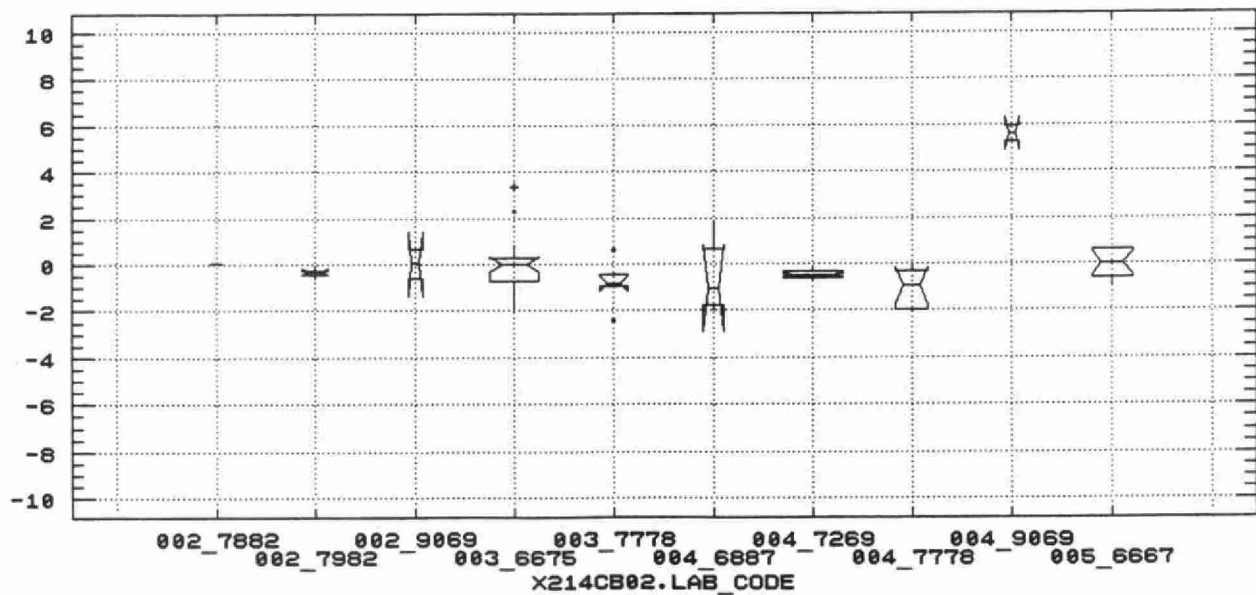
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X214CB01.DIFF



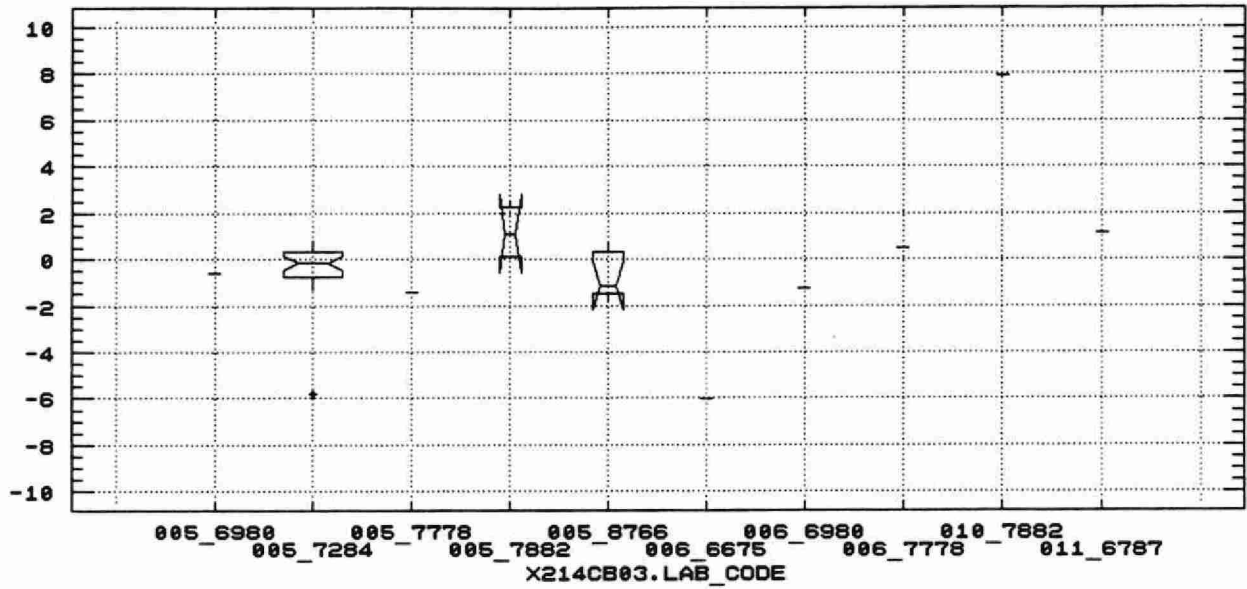
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X214CB02.DIFF



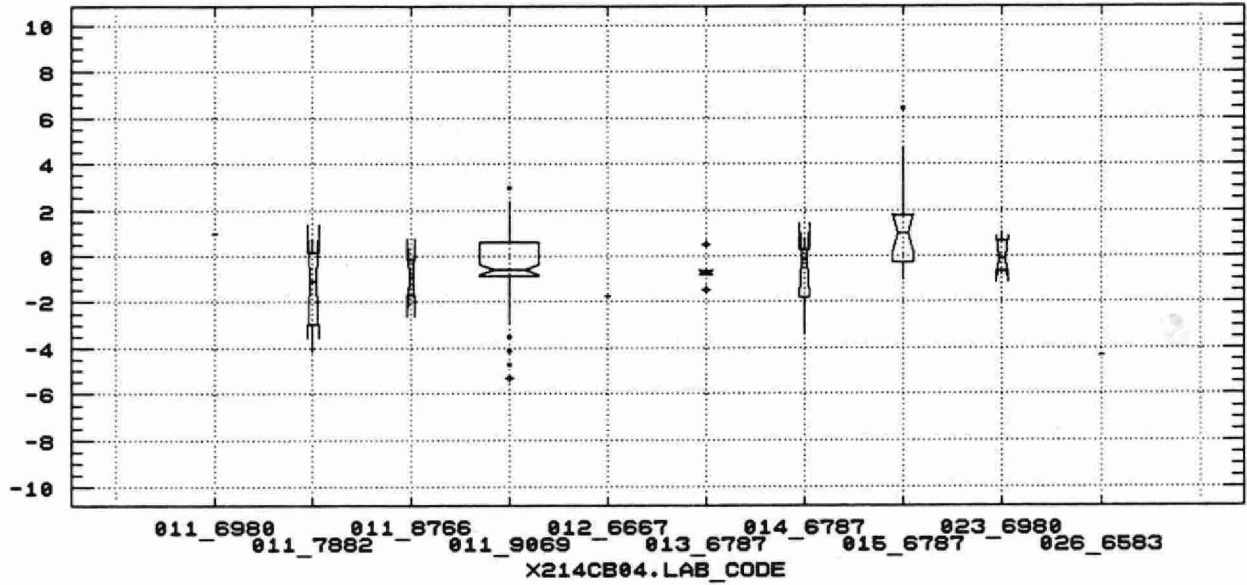
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X214CB03.DIFF



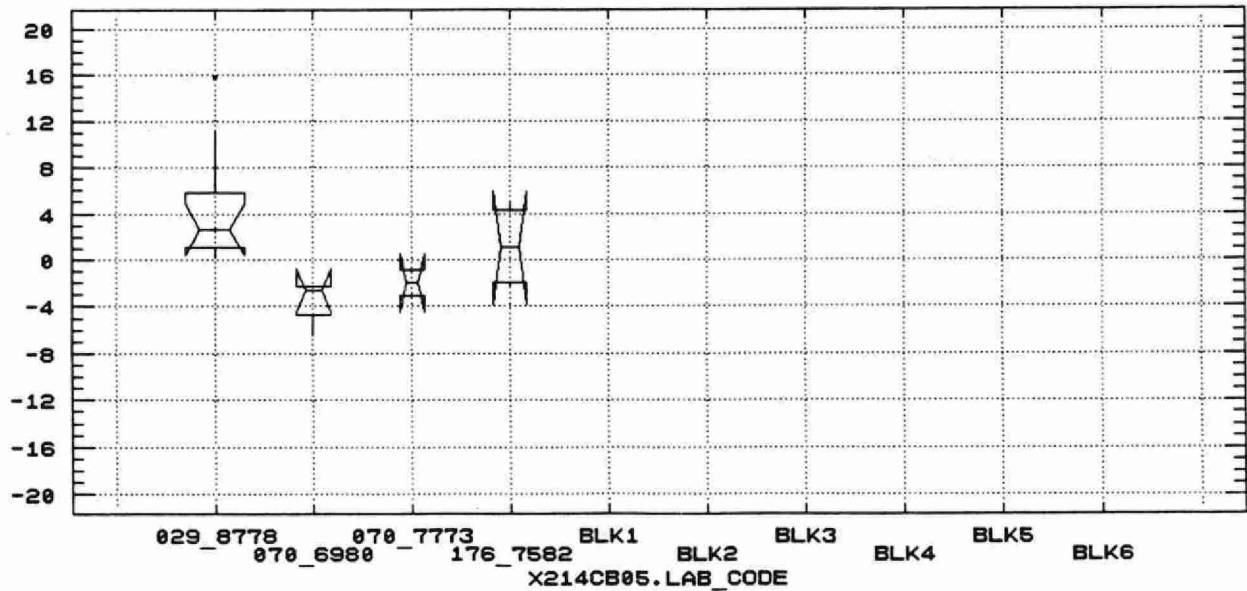
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X214CB04.DIFF



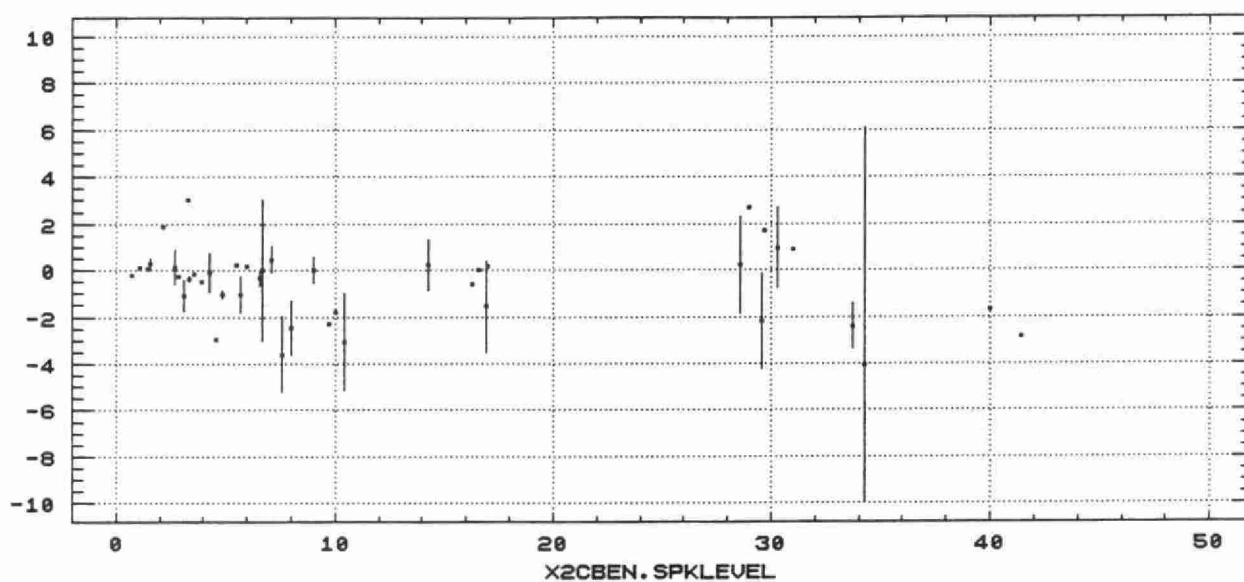
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X214CB05.DIFF



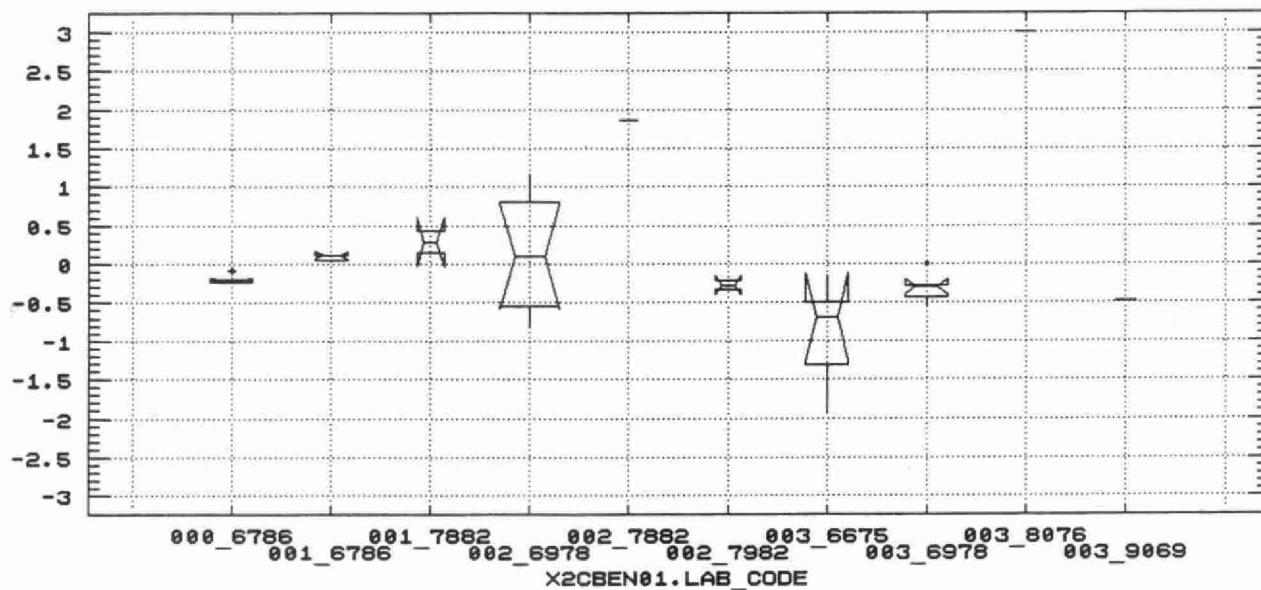
TRAVELLING SPIKED BLANKS

X2CBEN.AVG



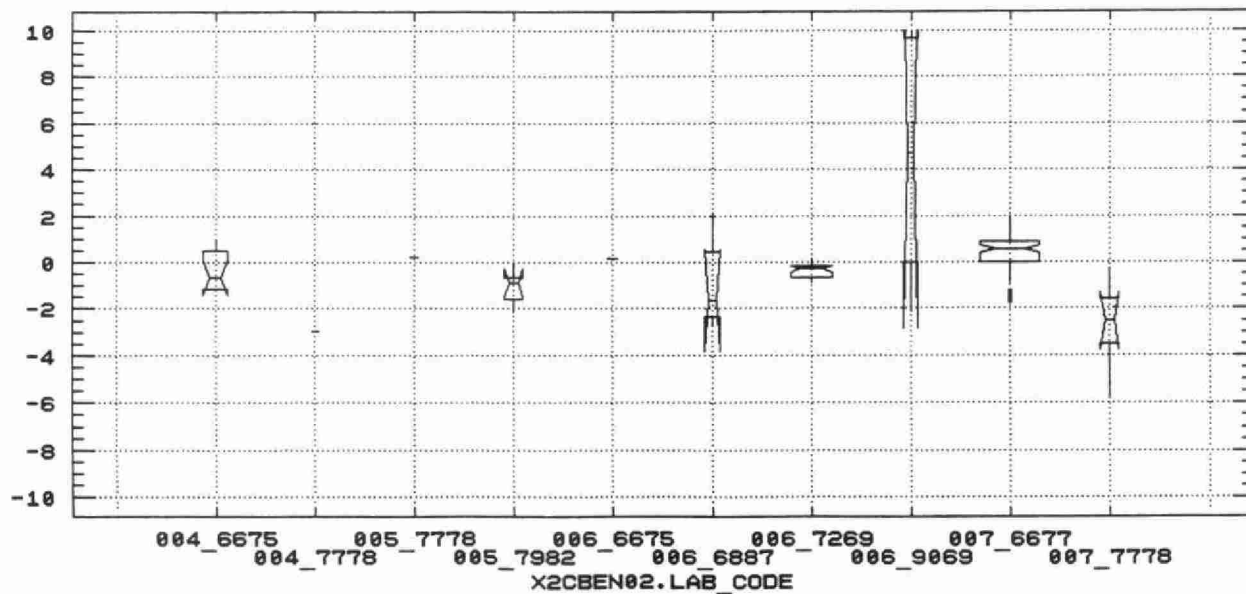
TRAVELLING SPIKED BLANKS

X2CBEN01.DIFF



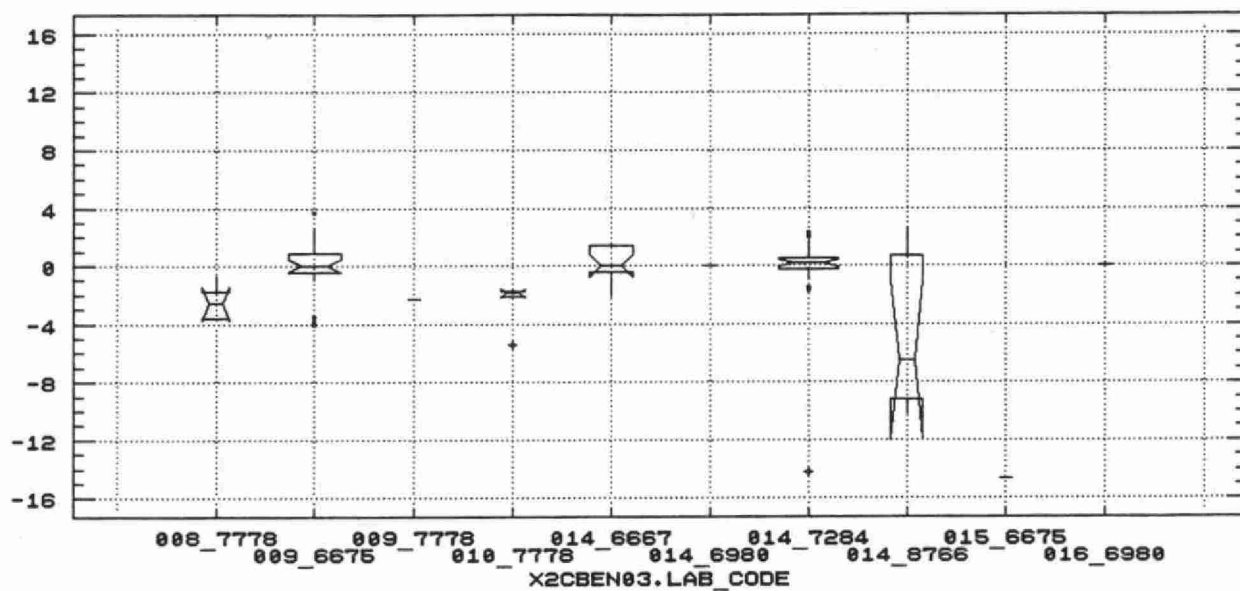
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X2CBEN02.DIFF



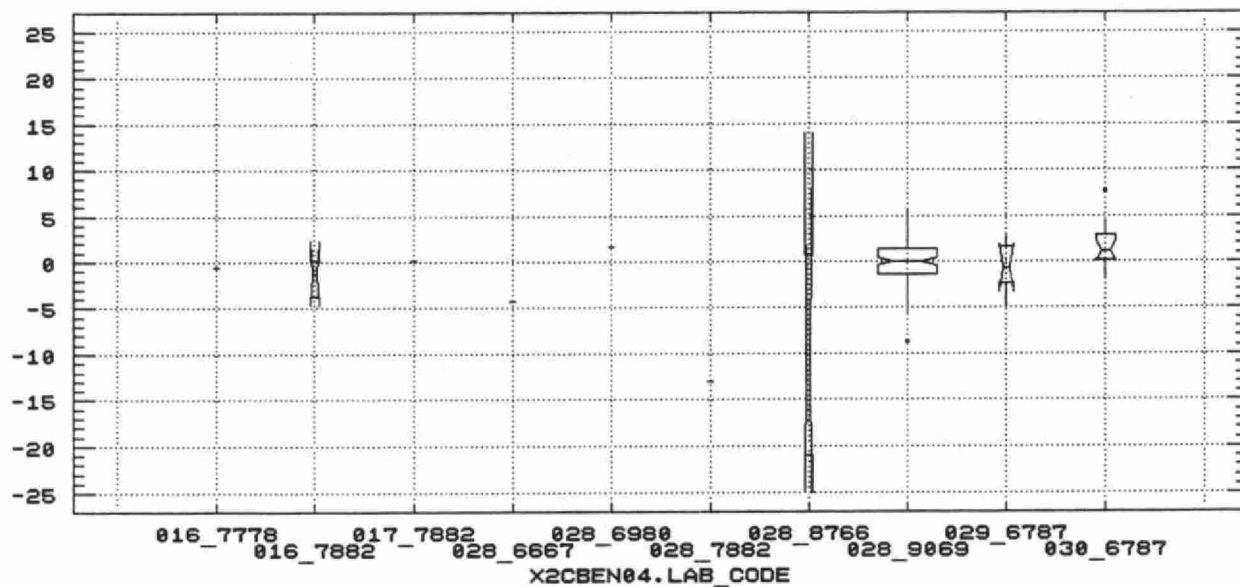
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X2CBEN03.DIFF



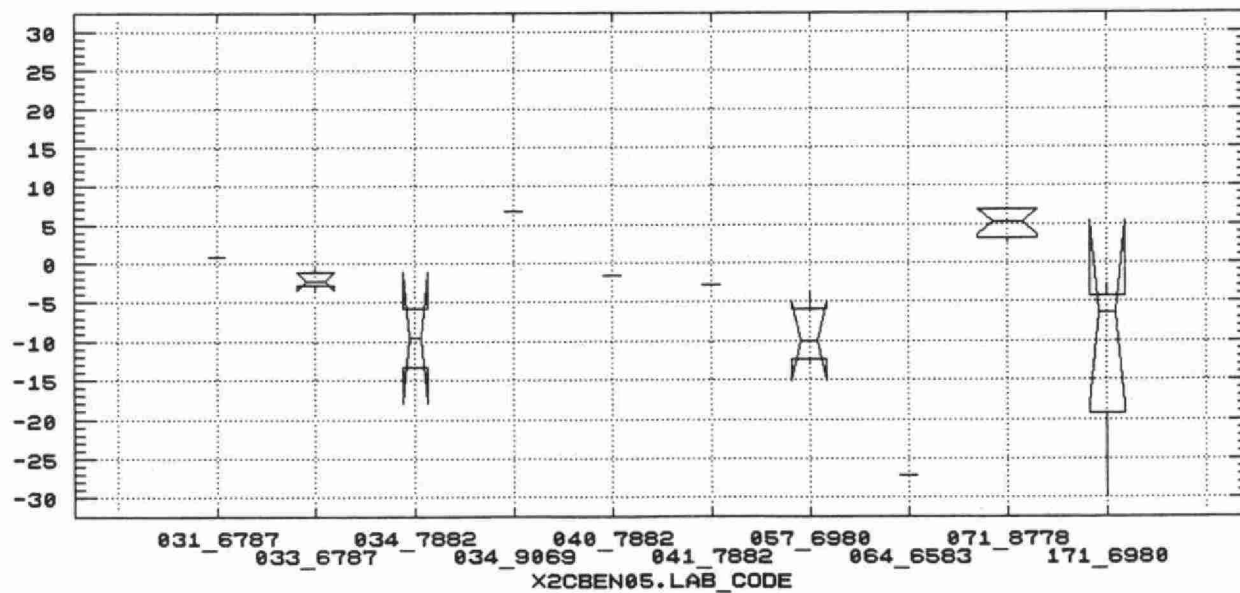
TRAVELLING SPIKED BLANKS

X2CBEN04.DIFF

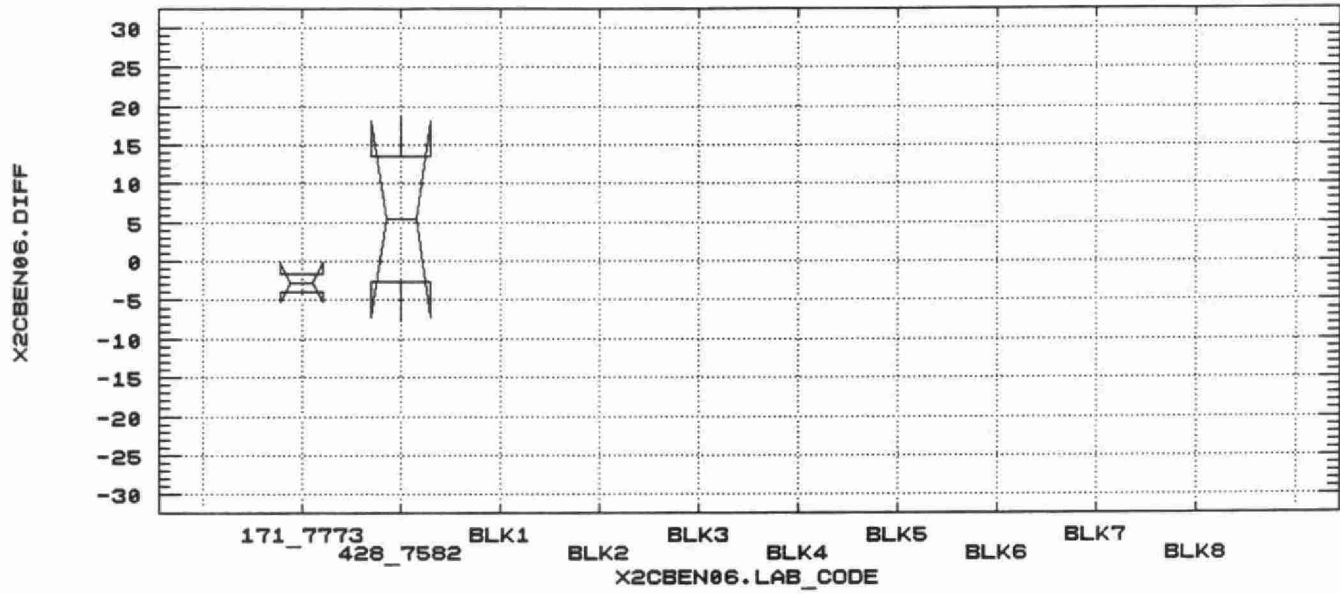


TRAVELLING SPIKED BLANKS

X2CBEN05.DIFF

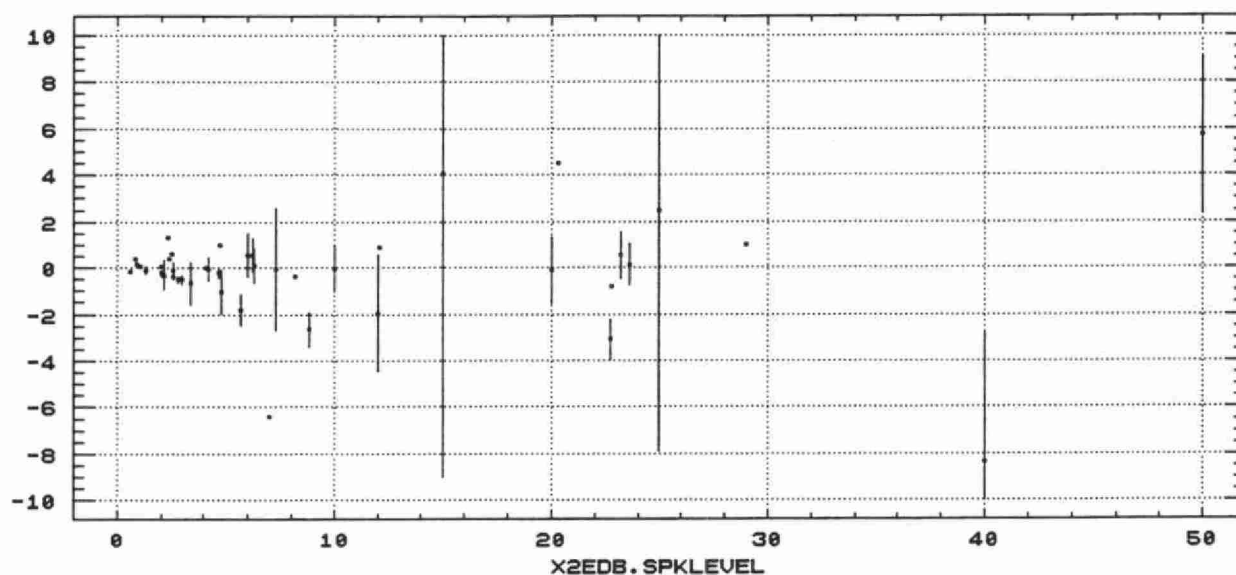


TRAVELLING SPIKED BLANKS



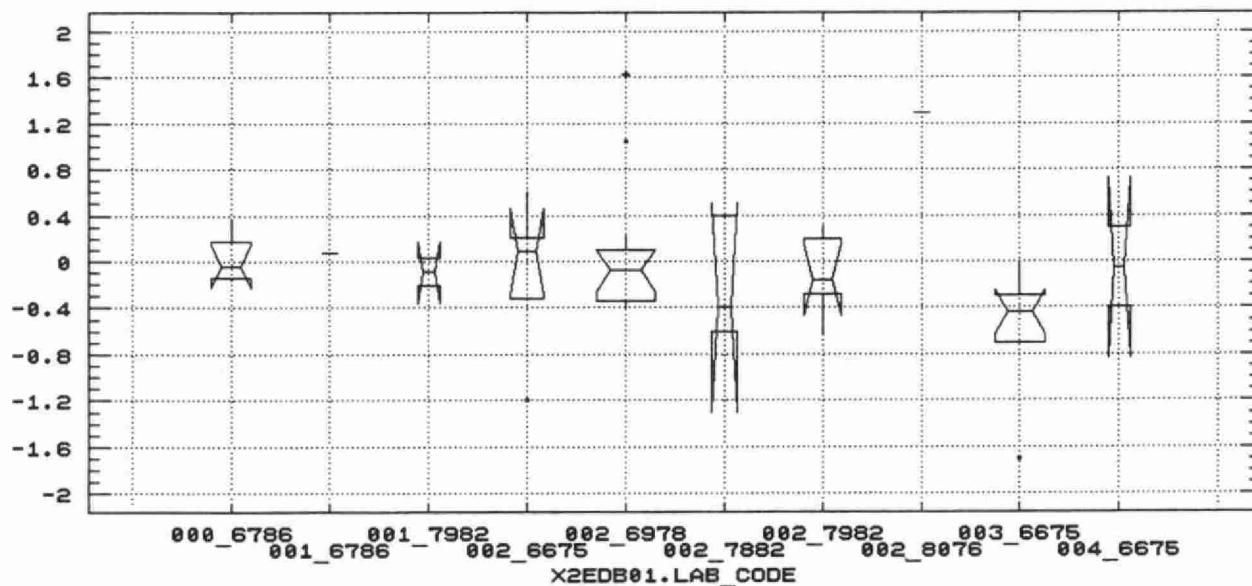
TRAVELLING SPIKED BLANKS

X2EDB.AVG



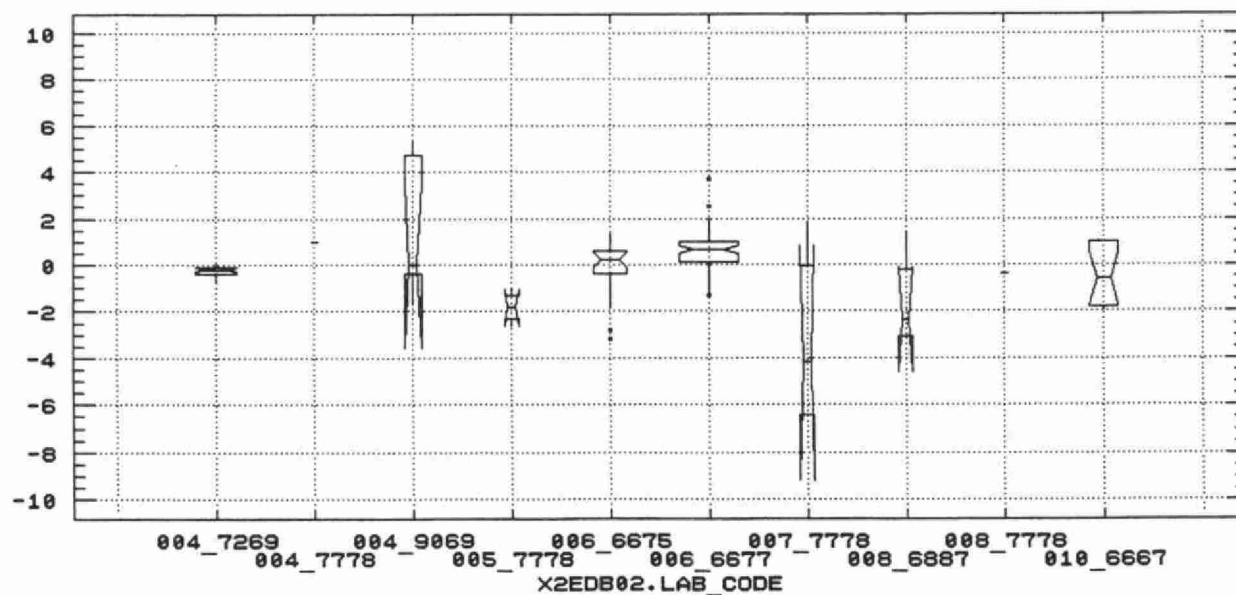
TRAVELLING SPIKED BLANKS

X2EDB01.DIFF



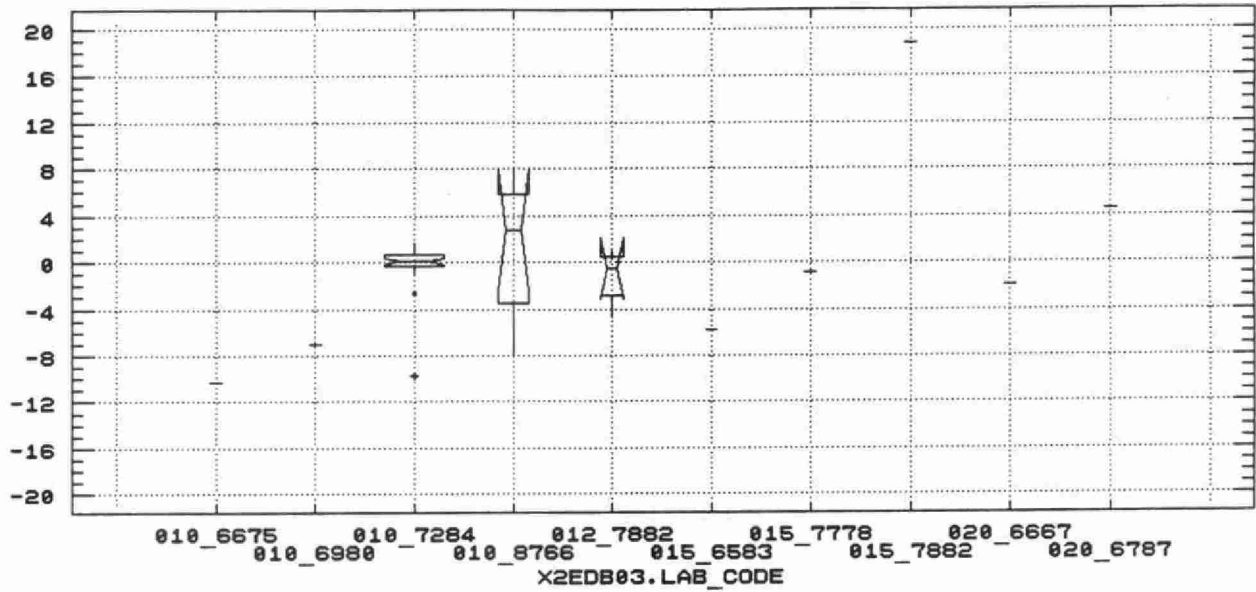
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X2EDB02.DIFF



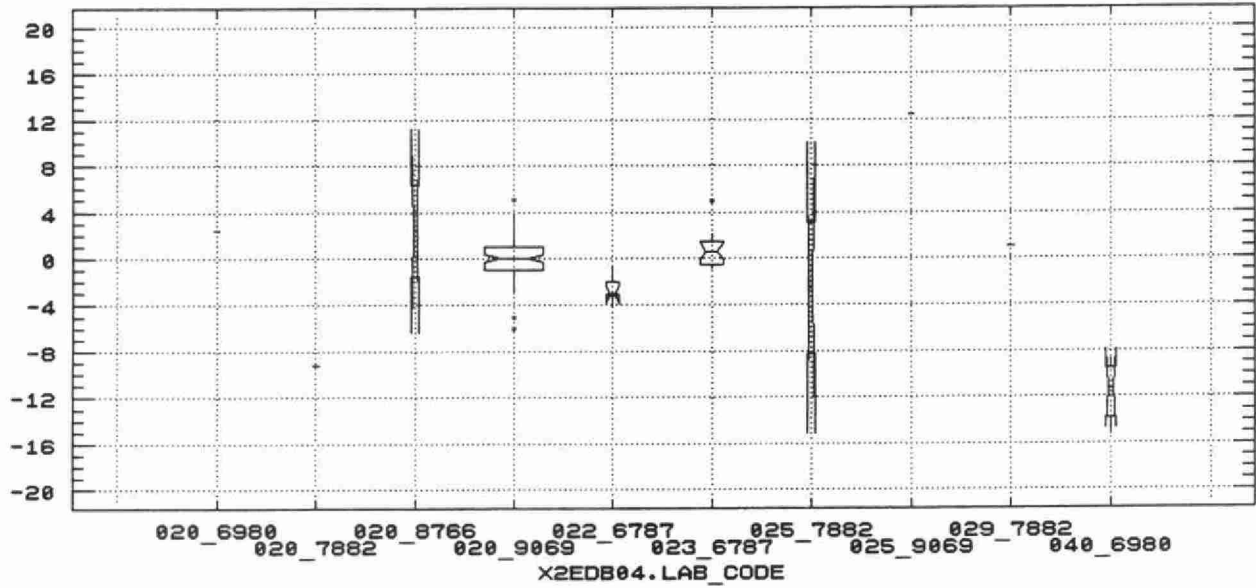
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X2EDB03.DIFF



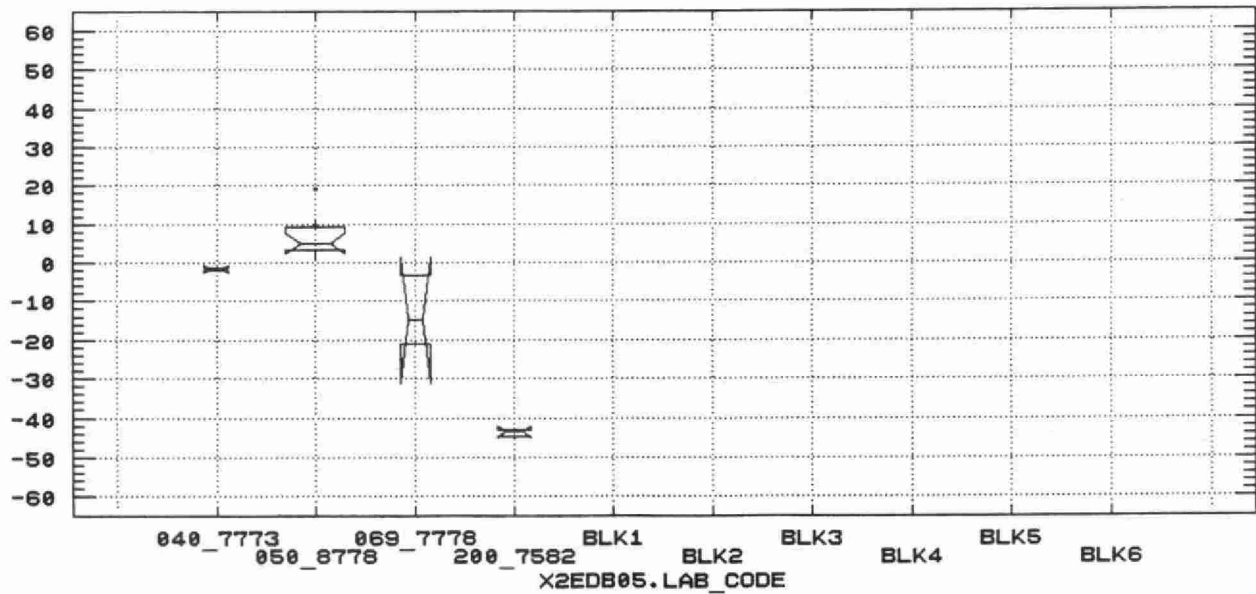
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X2EDB04.DIFF



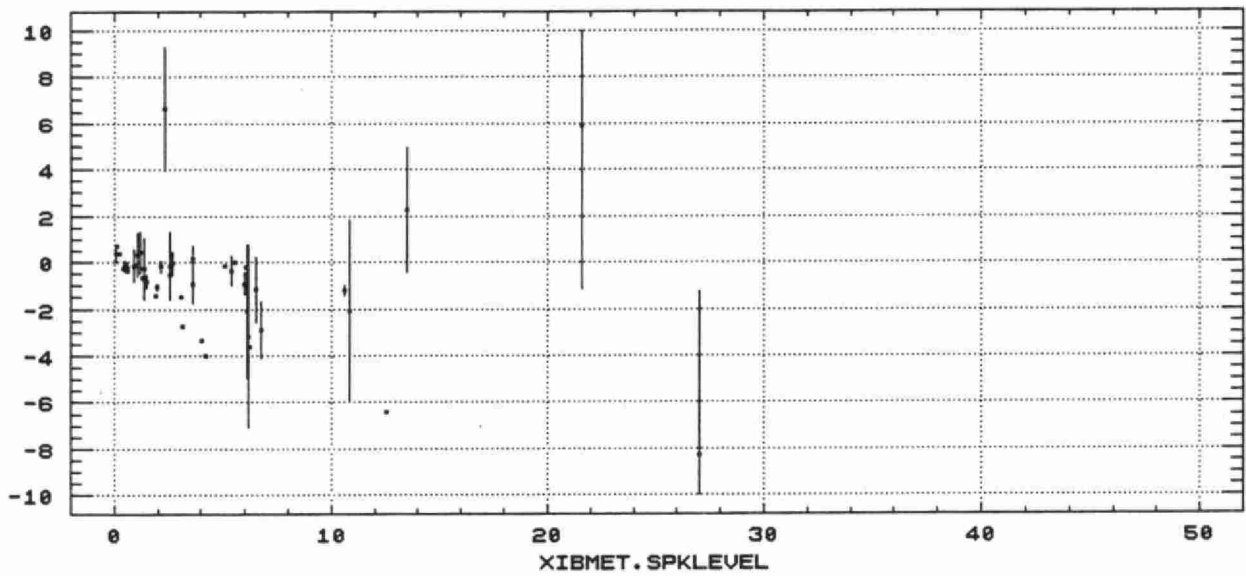
TRAVELLING SPIKED BLANKS

X2EDB05.DIFF



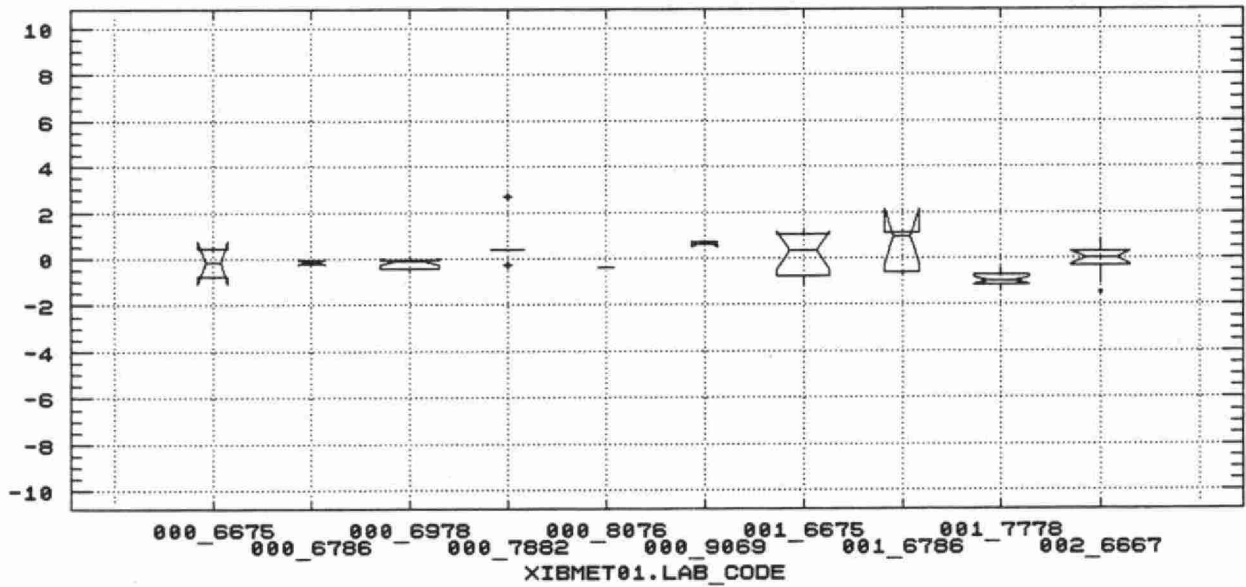
TRAVELLING SPIKED BLANKS

XIBMET.AUG



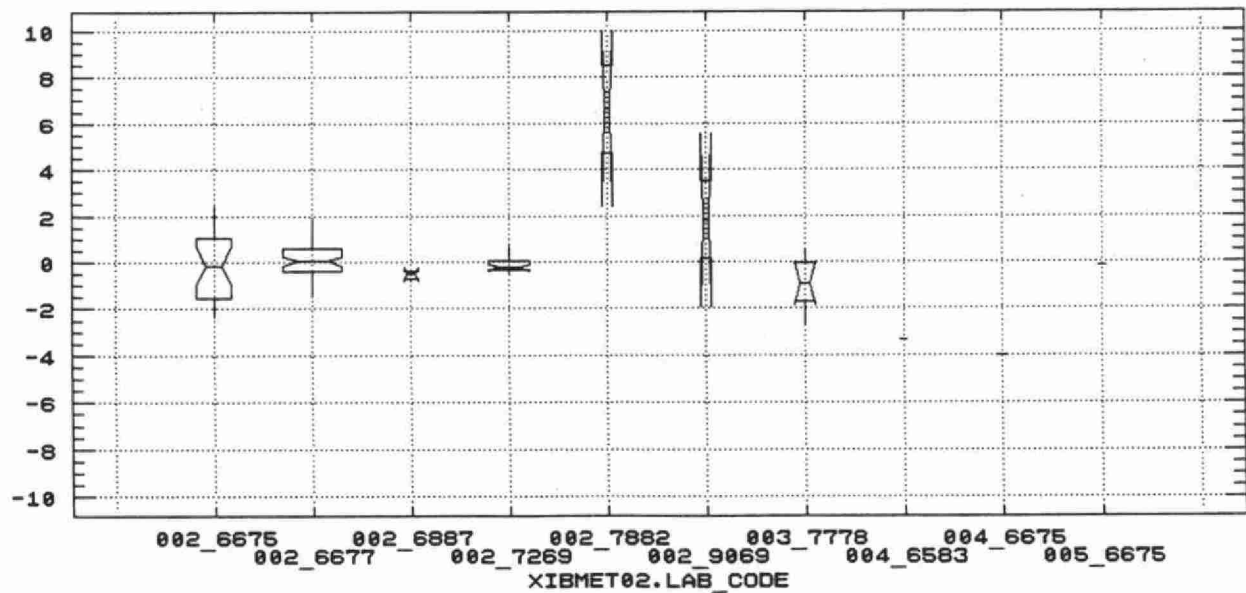
TRAVELLING SPIKED BLANKS

XIBMET01.DIFF



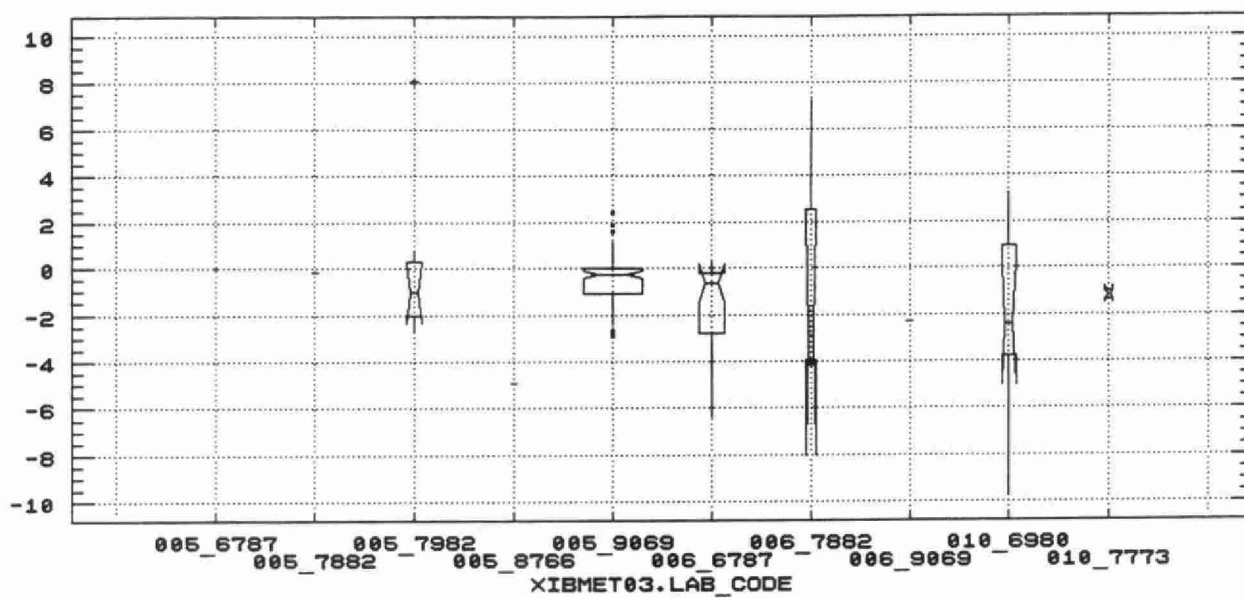
TRAVELLING SPIKED BLANKS

XIBMET02.DIFF



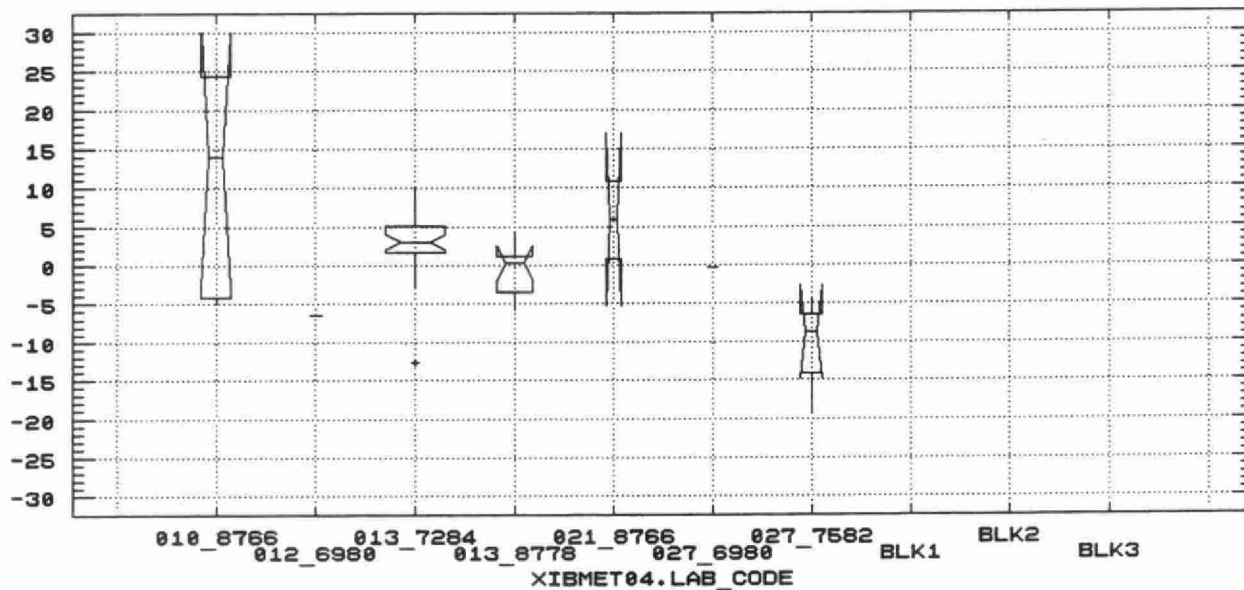
TRAVELLING SPIKED BLANKS

XIBMET03.DIFF



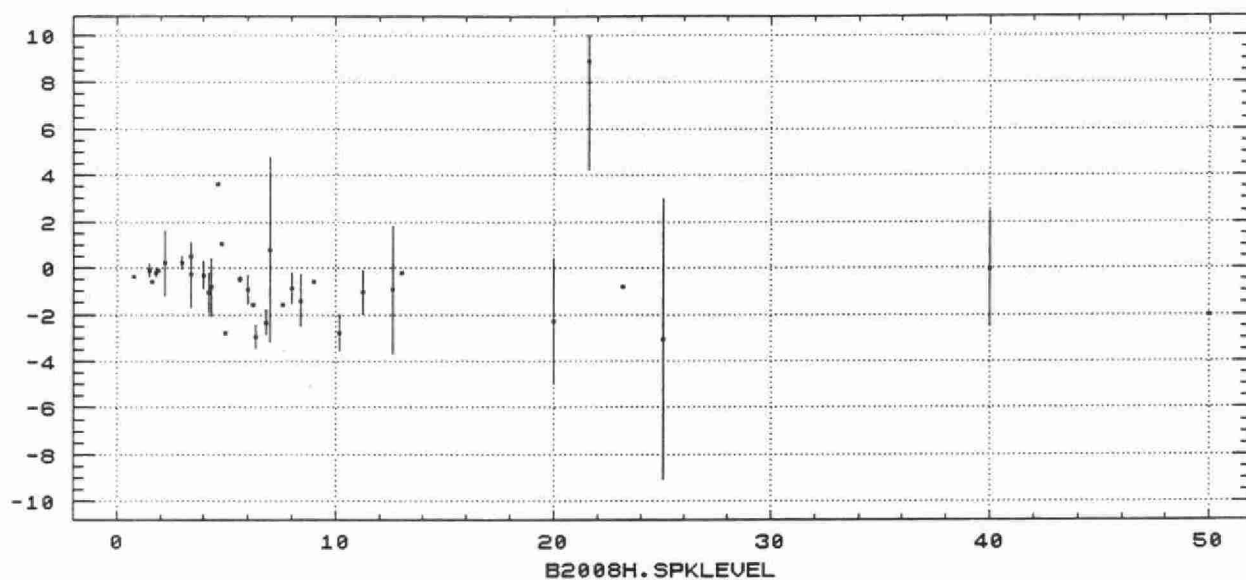
TRAVELLING SPIKED BLANKS

XIBMET04.DIFF



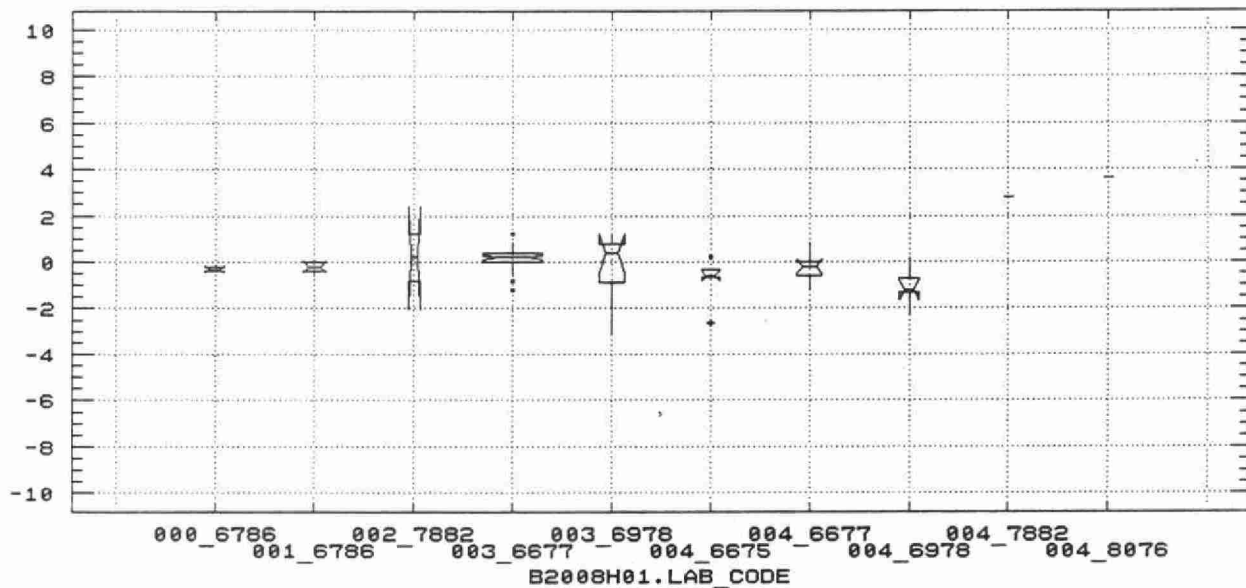
TRAVELLING SPIKED BLANKS

B2008H.AVG



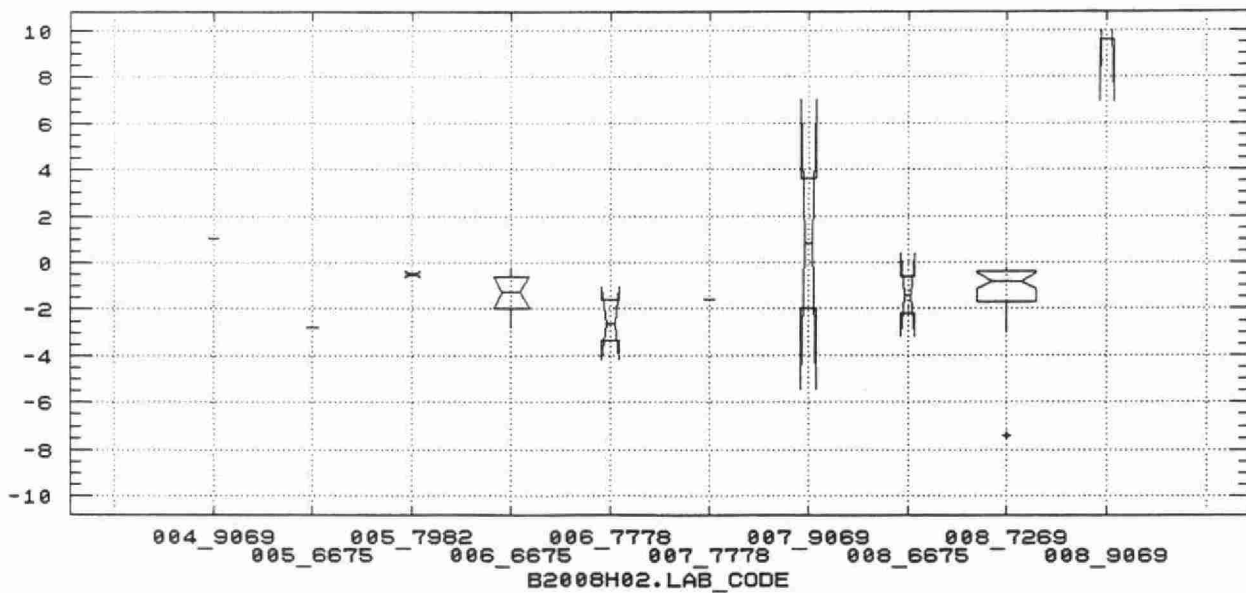
TRAVELLING SPIKED BLANKS

B2008H01.DIFF



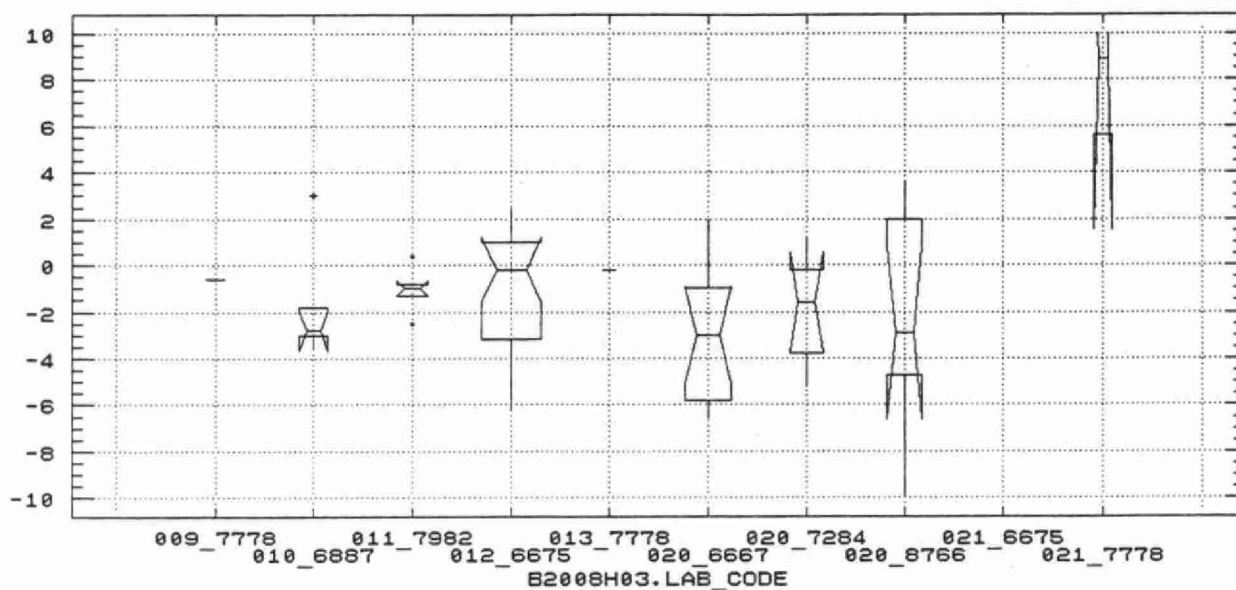
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B2008H02.DIFF



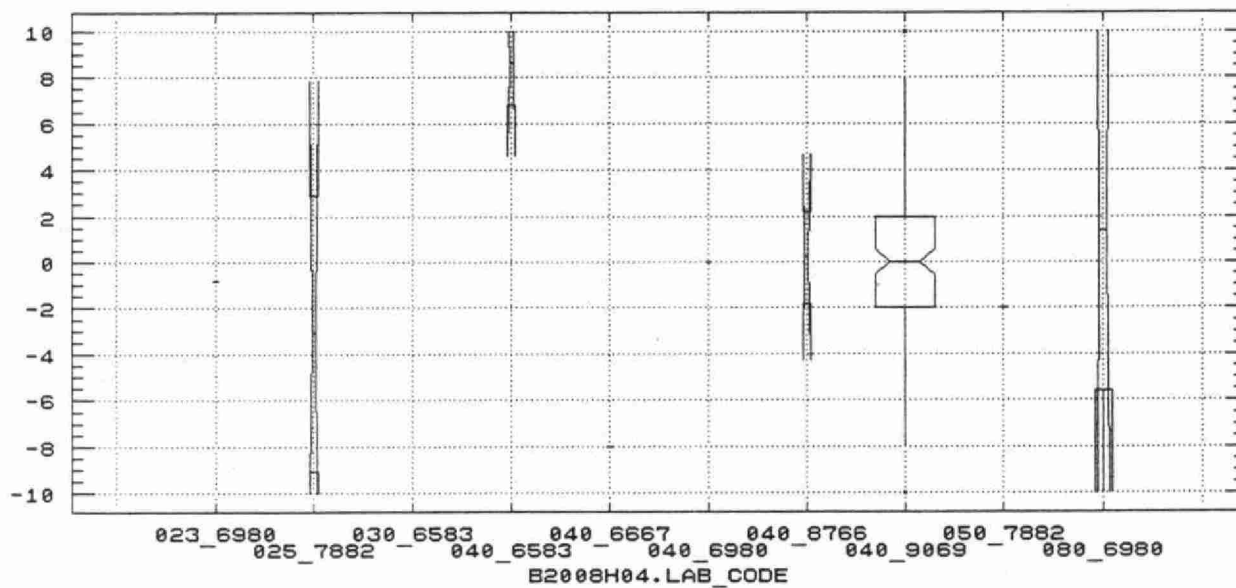
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B2008H03.DIFF



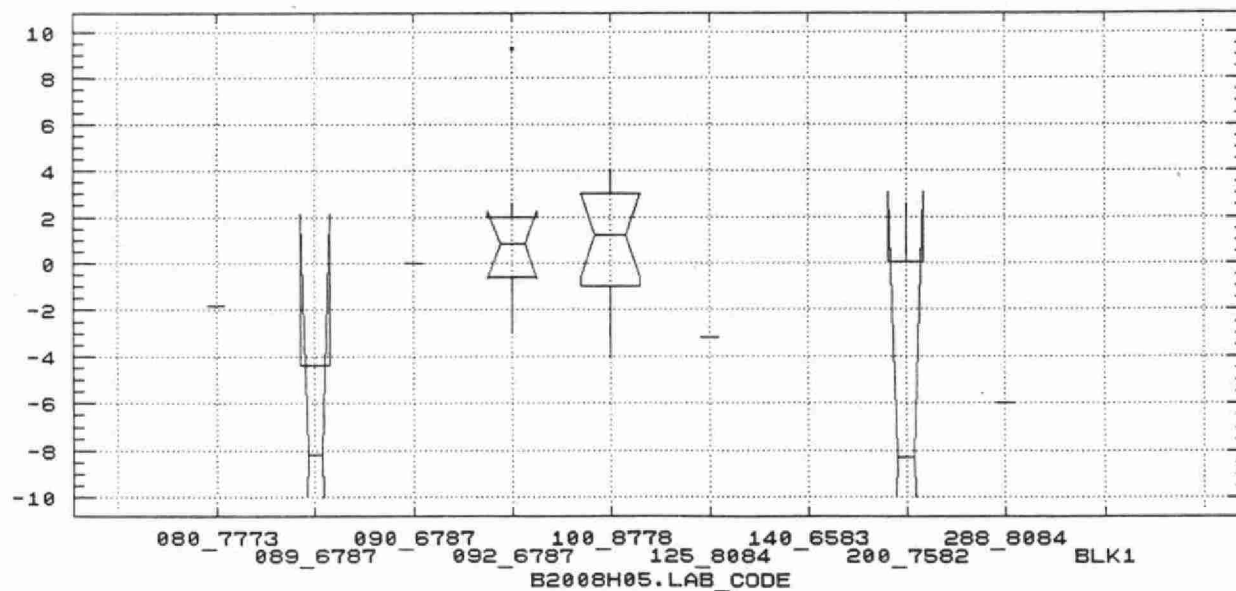
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B2008H04.DIFF



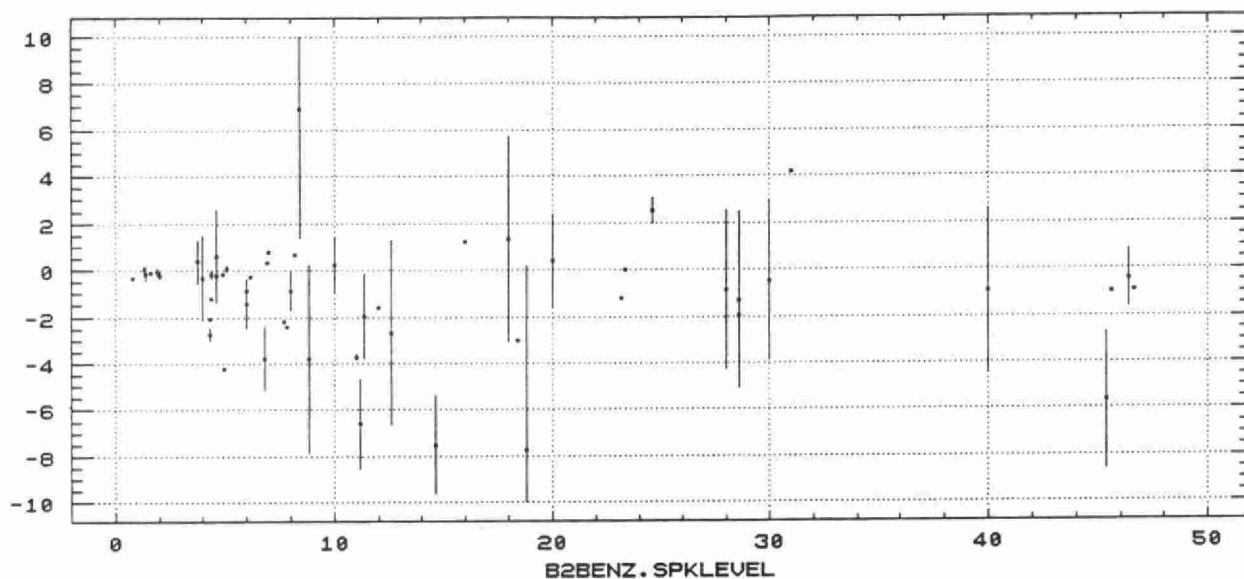
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B2008H05.DIFF



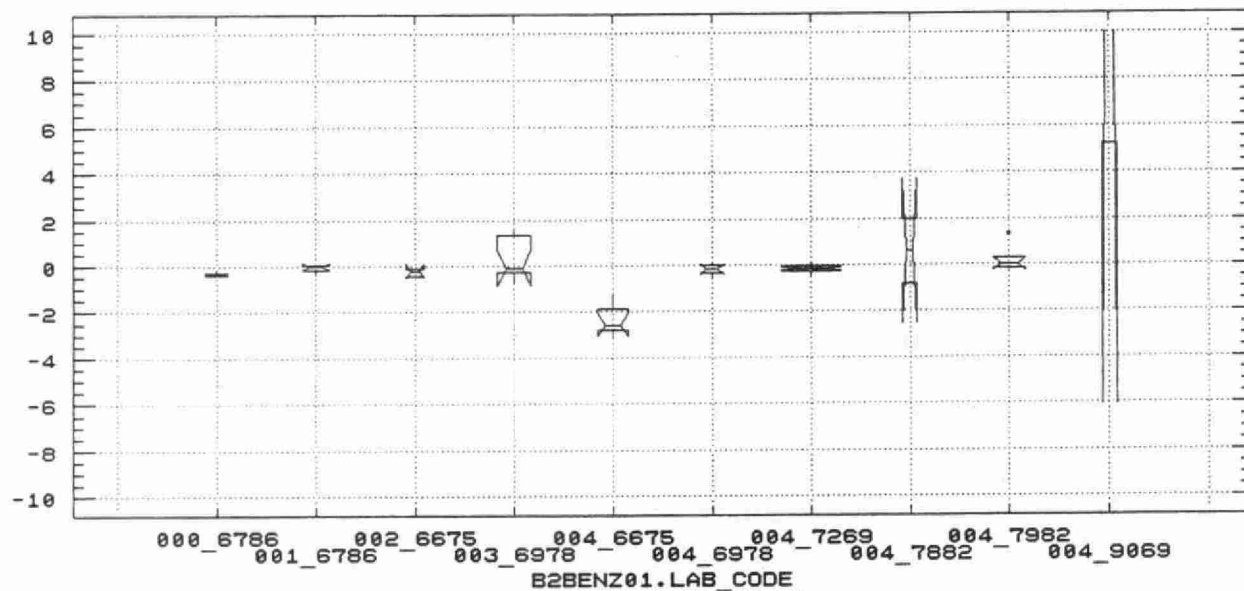
TRAVELLING SPIKED BLANKS

B2BENZ.AVG



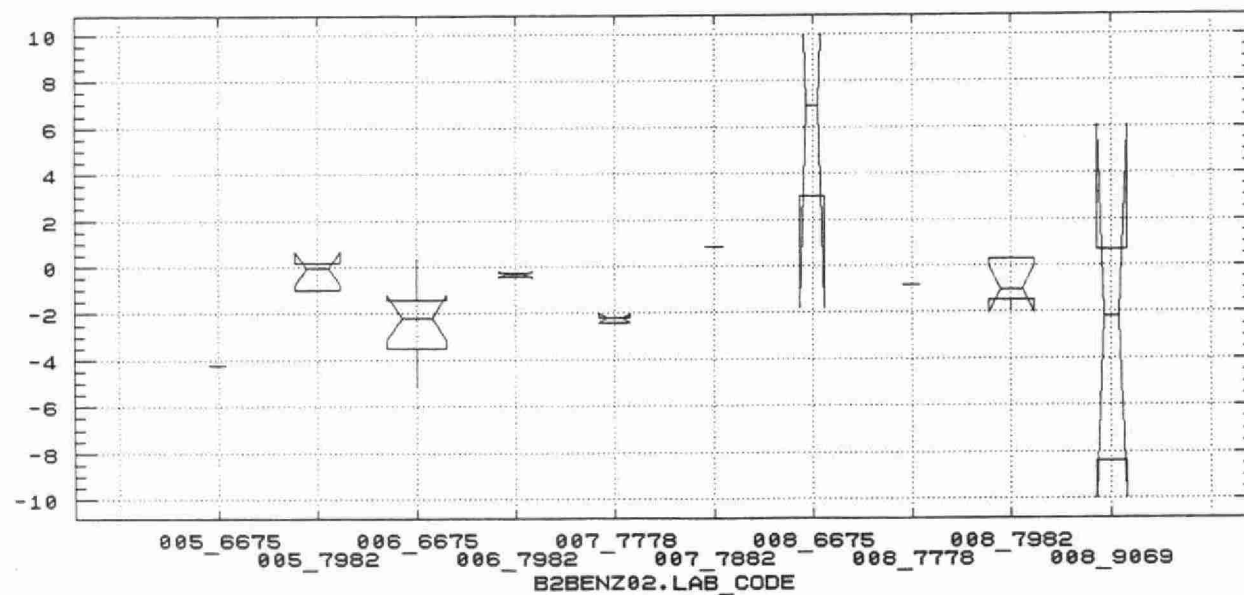
TRAVELLING SPIKED BLANKS

B2BENZ01.DIFF

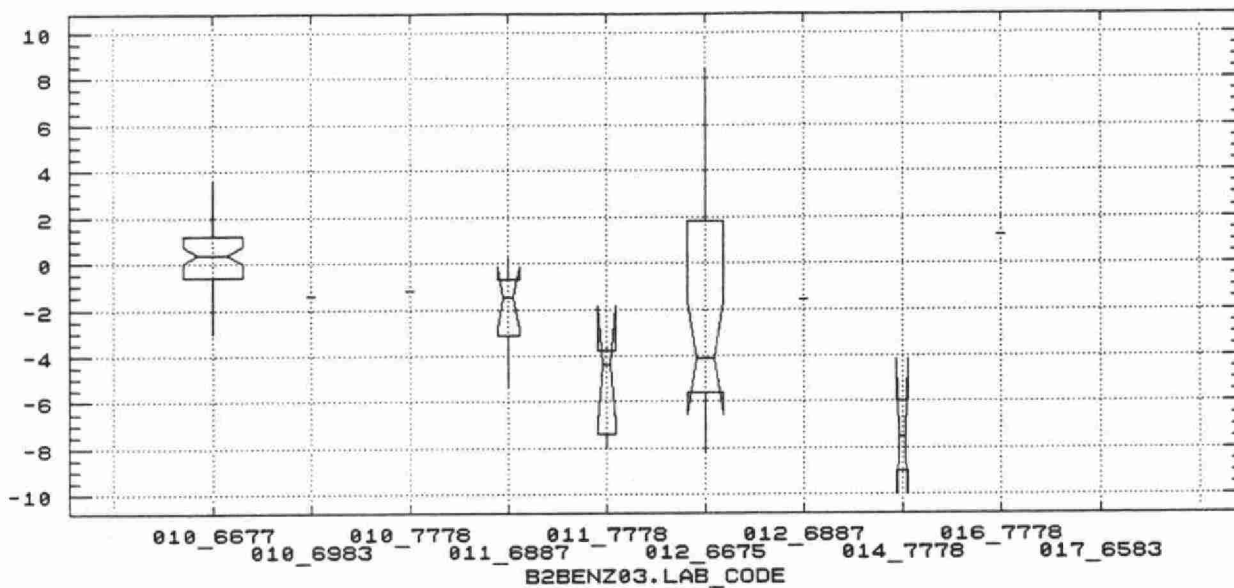


TRAVELLING SPIKED BLANKS

B2BENZ02.DIFF

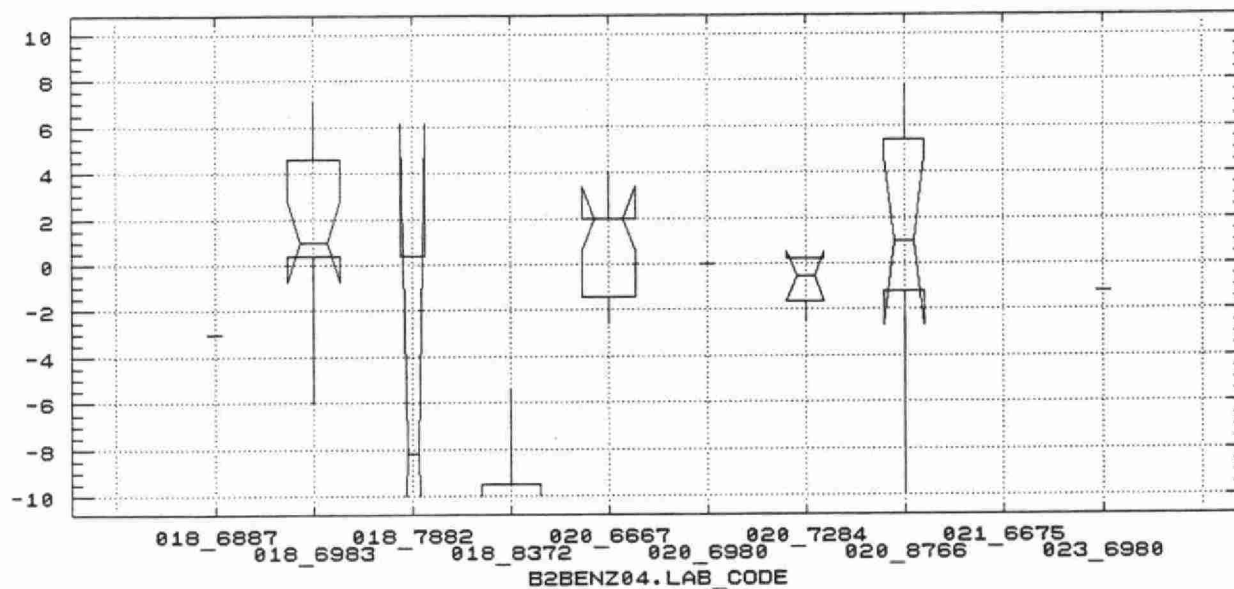


B2BENZ03.DIFF



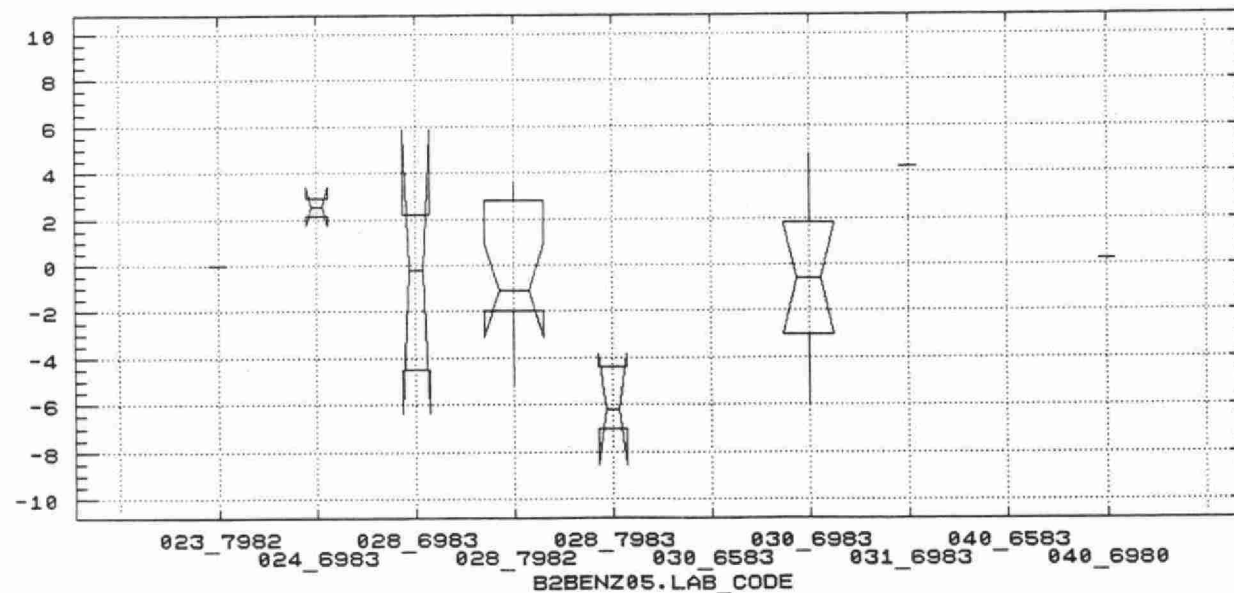
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B2BENZ04.DIFF



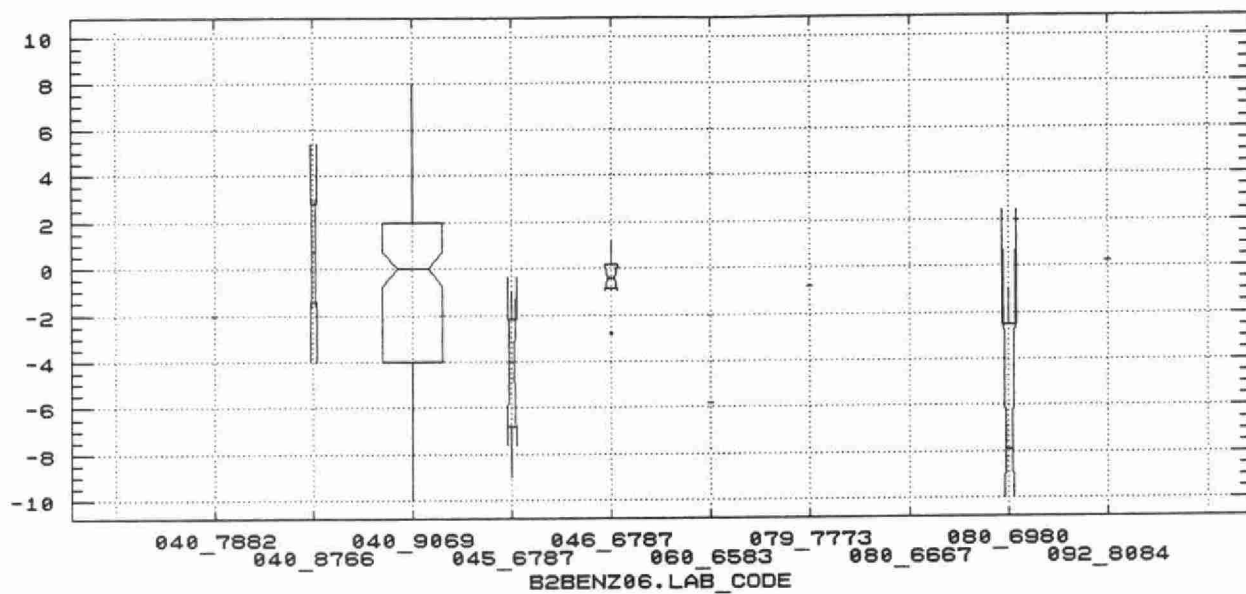
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B2BENZ05.DIFF



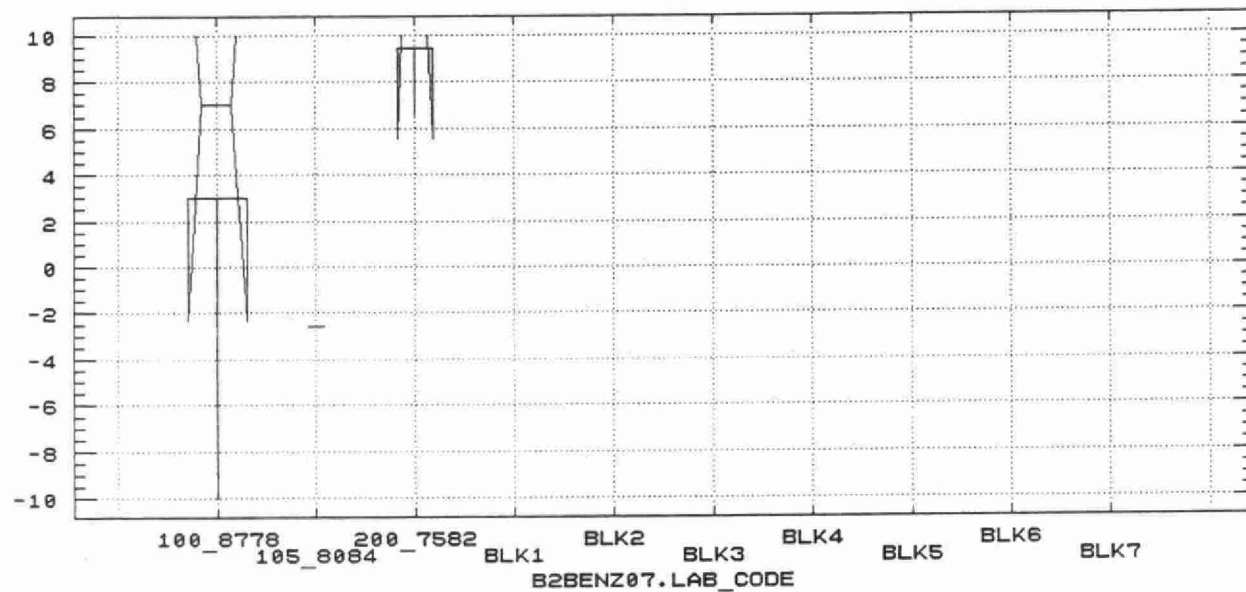
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B2BENZ06.DIFF

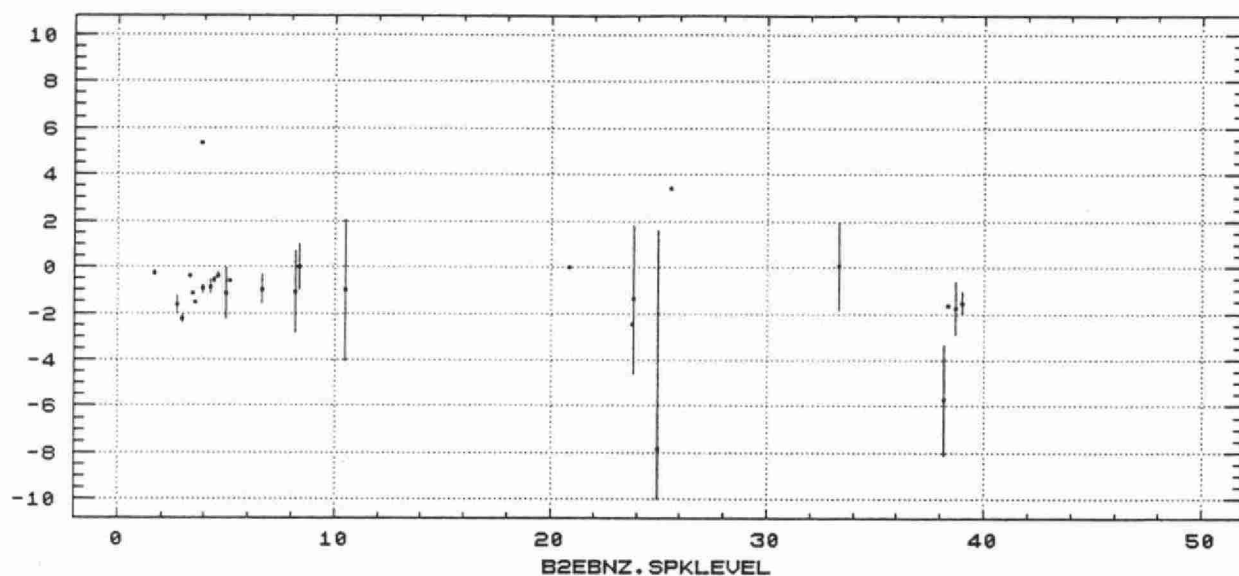


TRAVELLING SPIKED BLANKS

B2BENZ07.DIFF

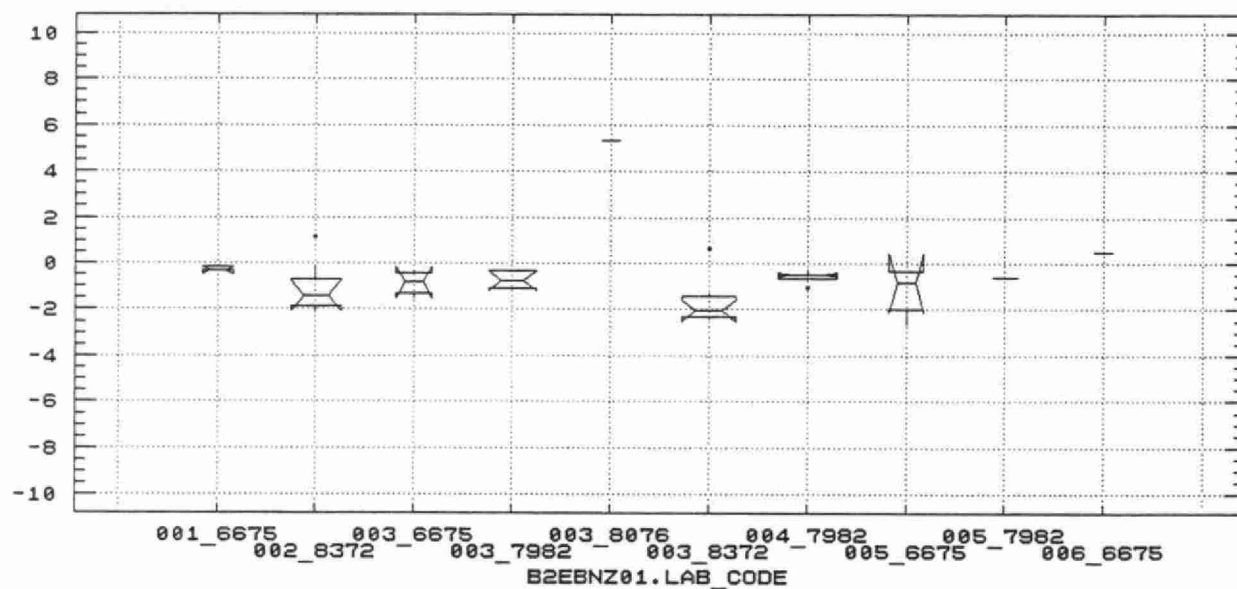


B2EBNZ.AVG



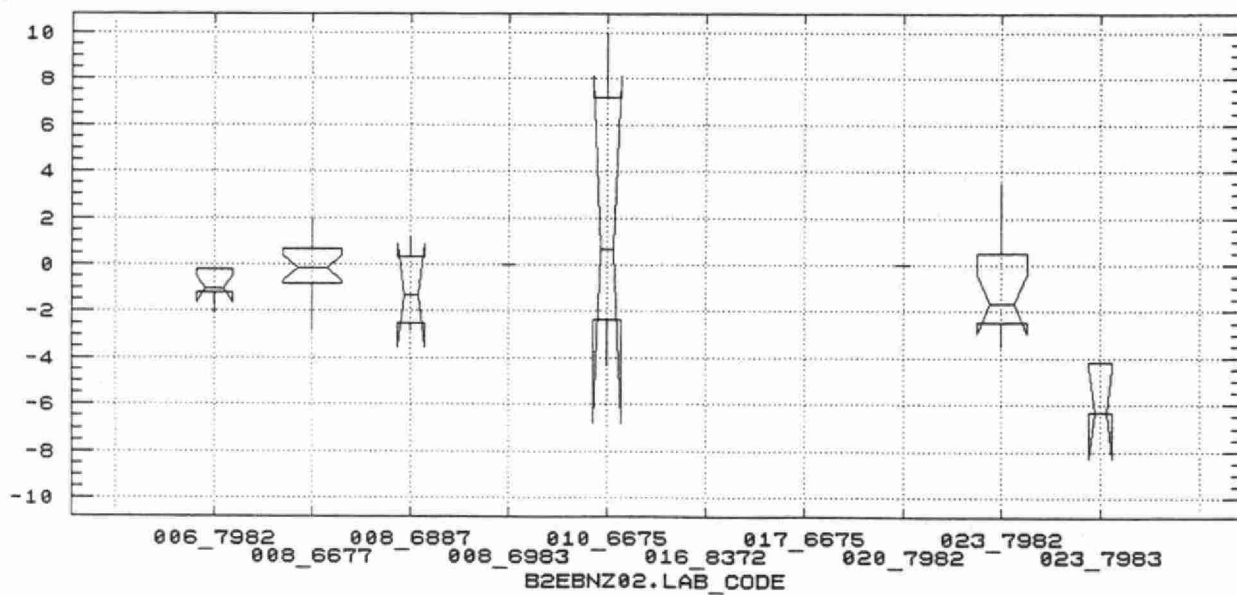
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B2EBNZ01.DIFF

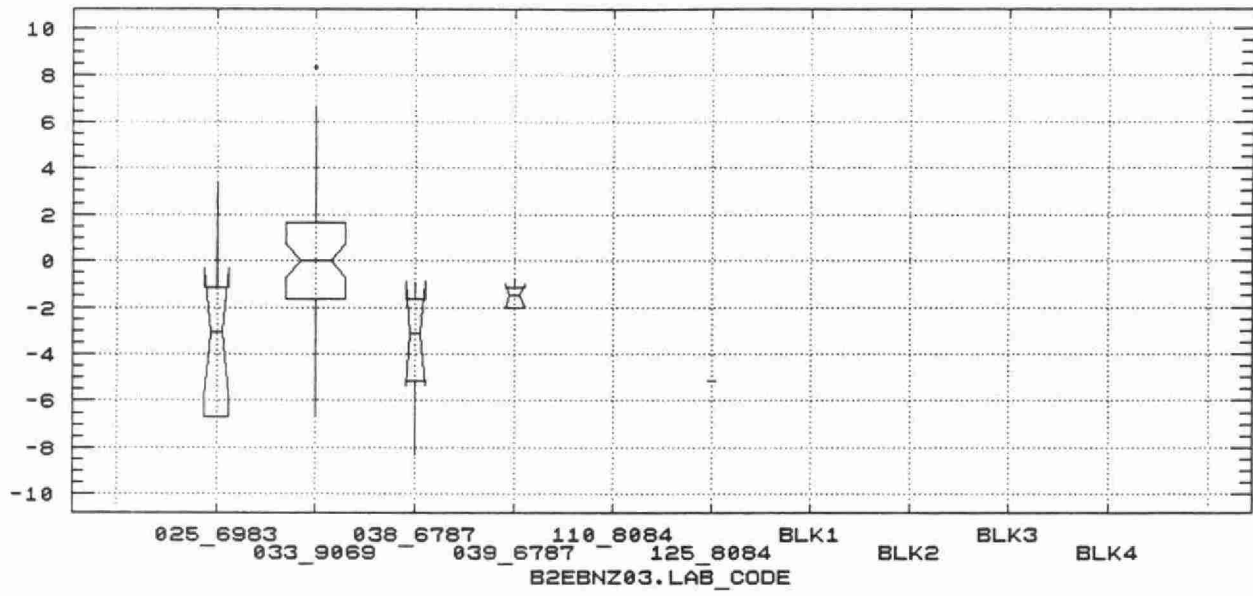


TRAVELLING SPIKED BLANKS

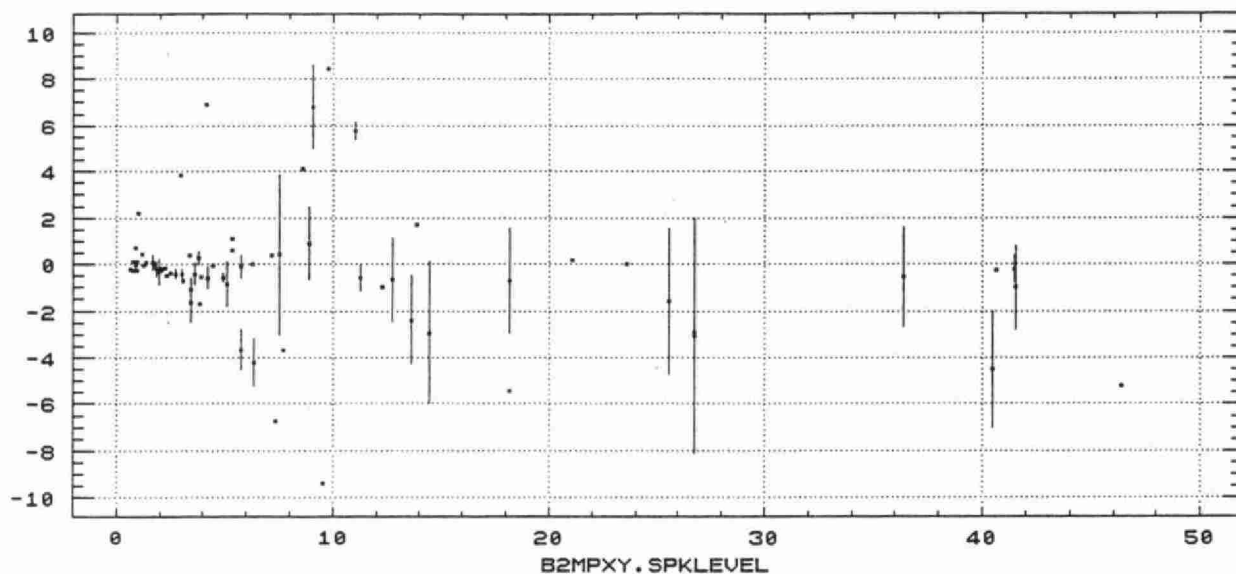
B2EBNZ02.DIFF



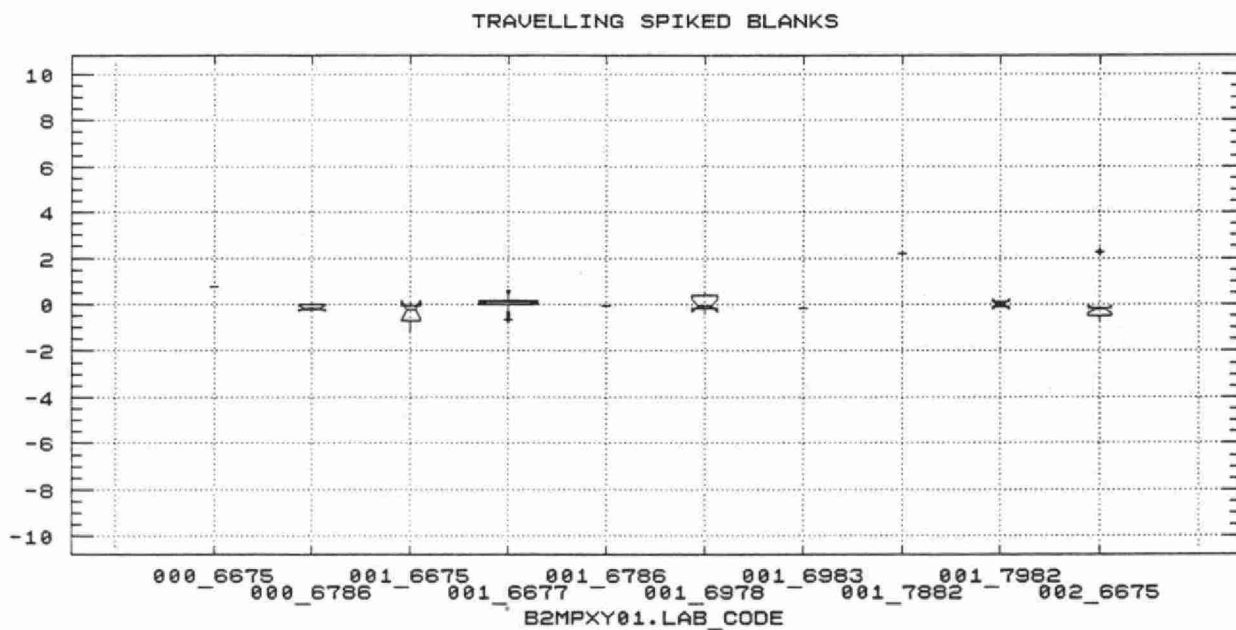
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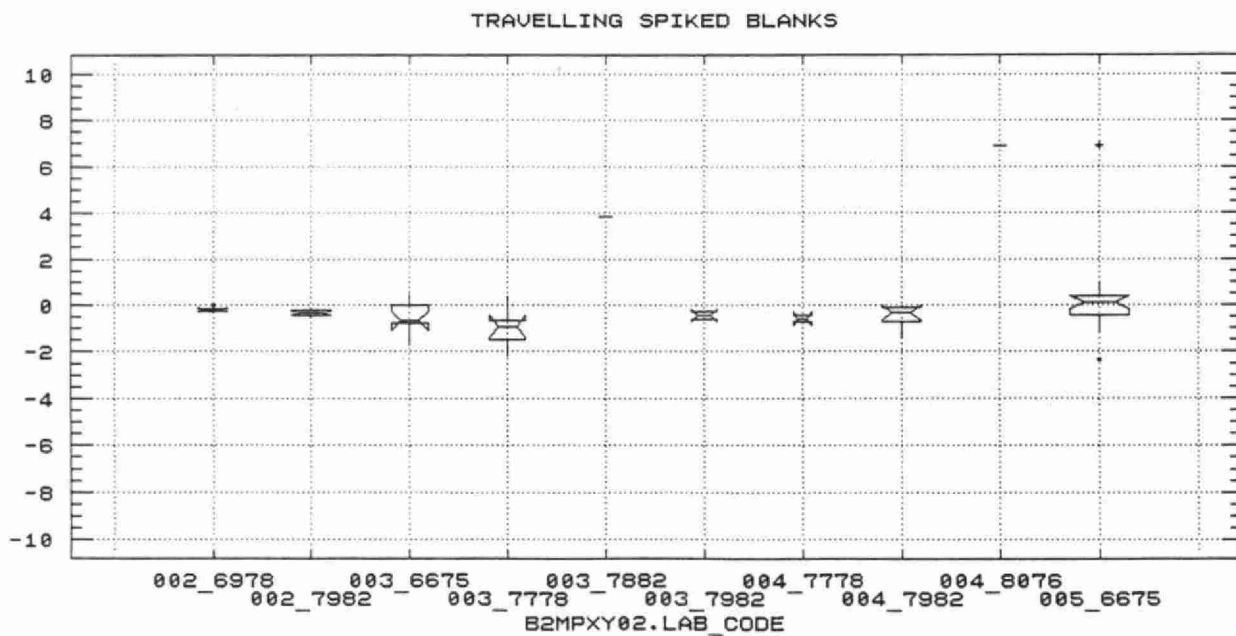
B2MPXY.AVG



B2MPXY01.DIFF

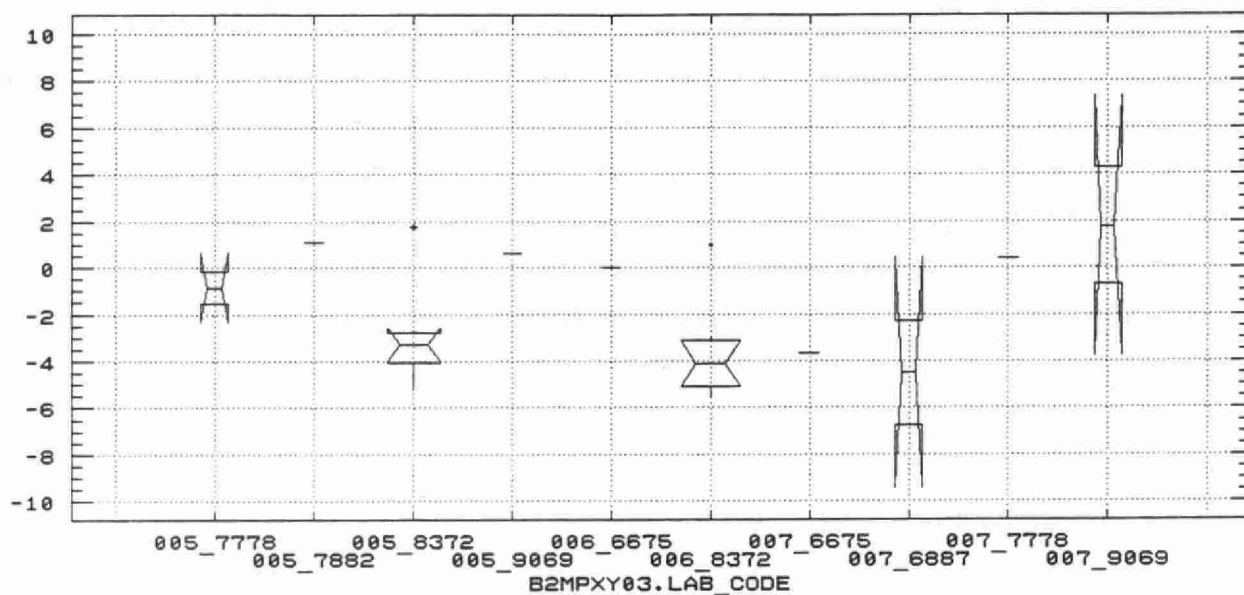


B2MPXY02.DIFF



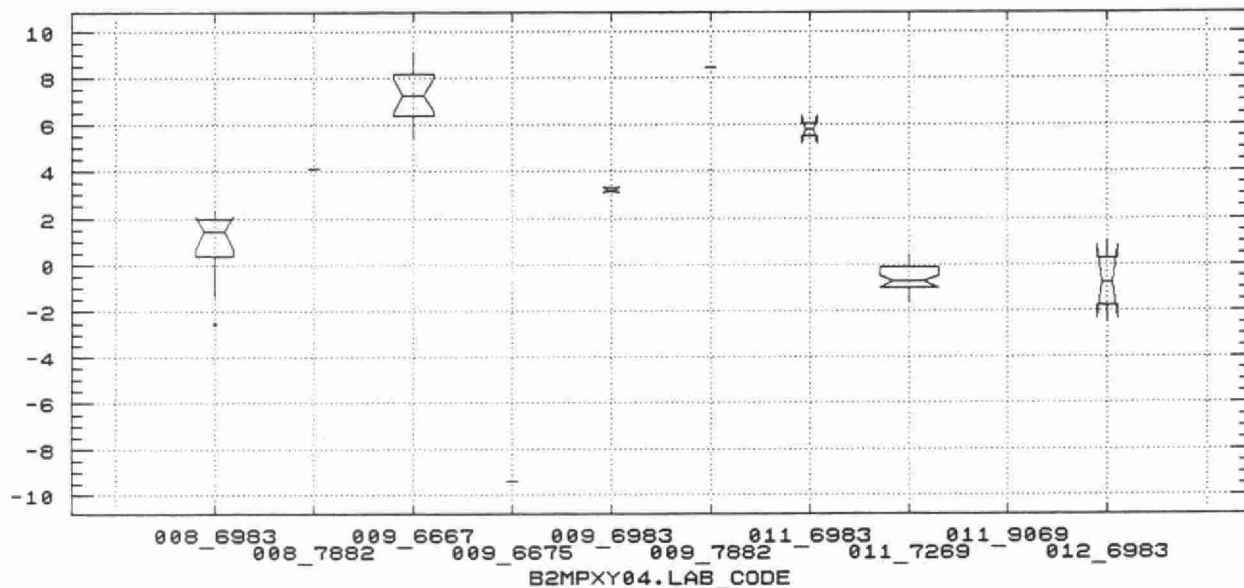
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B2MPXY03.DIFF



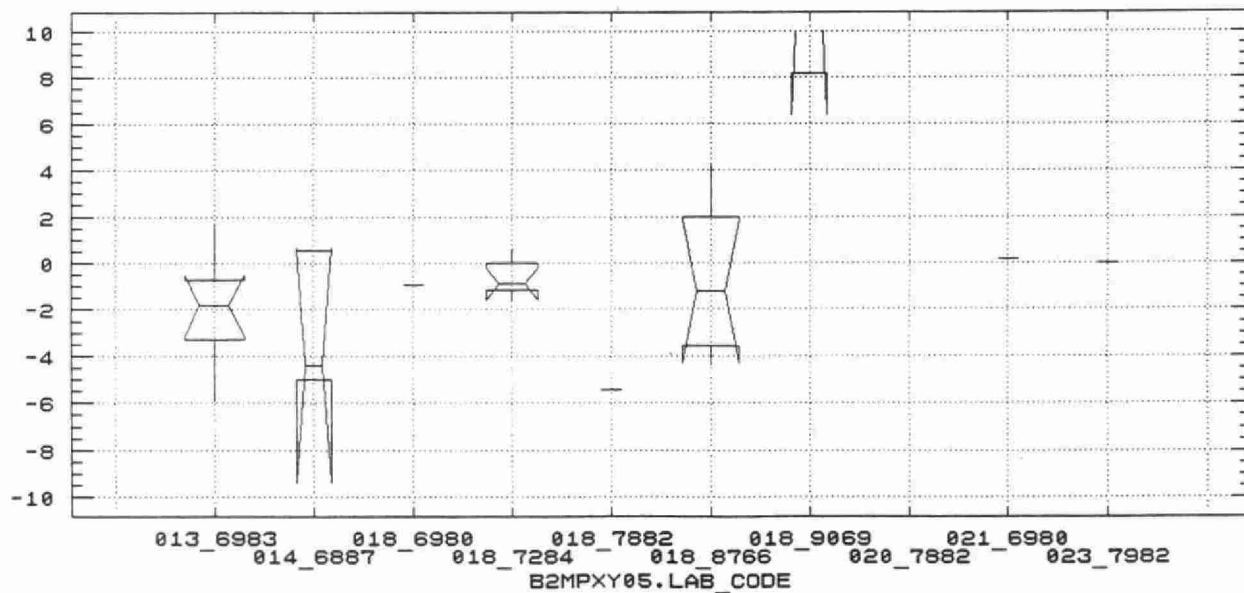
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B2MPXY04.DIFF



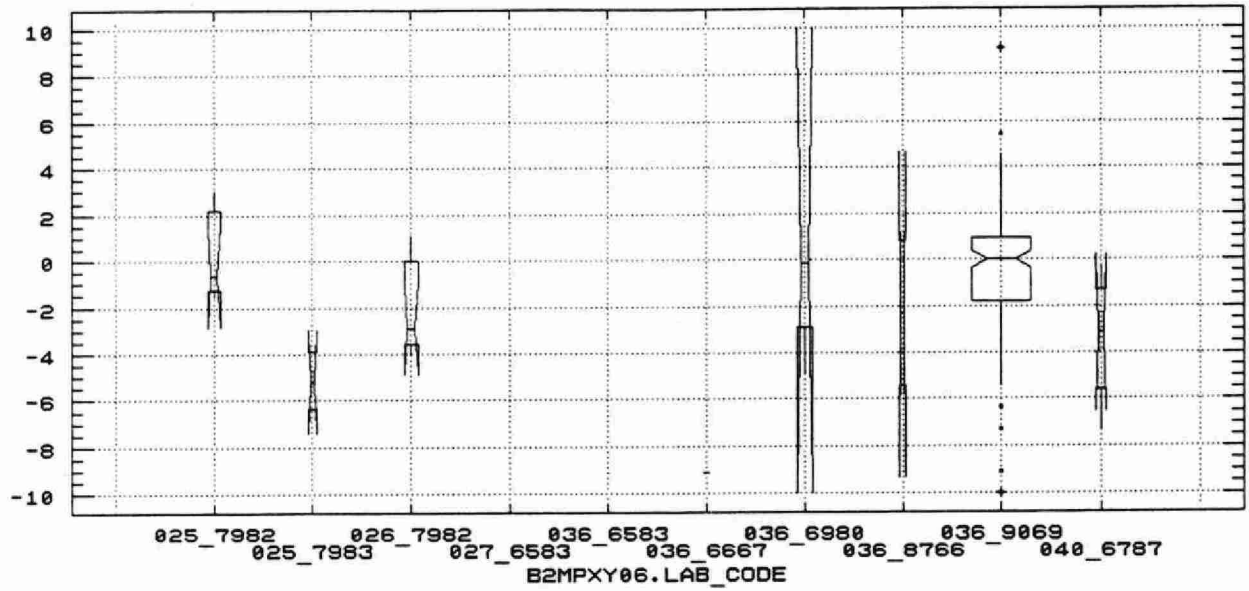
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B2MPXY05.DIFF



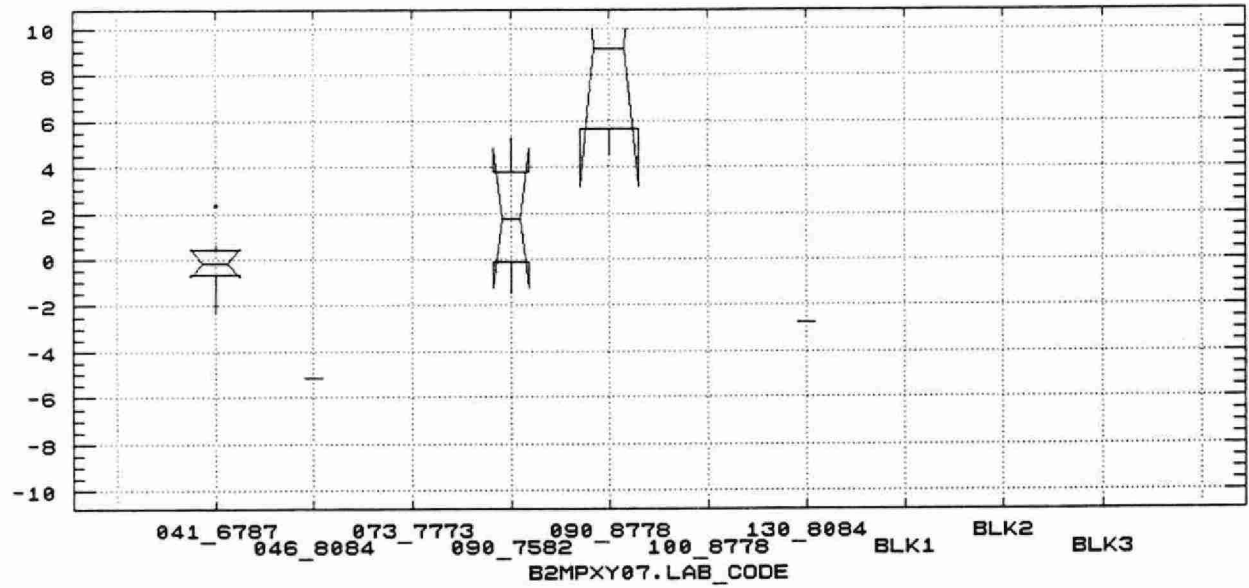
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B2MPXY06.DIFF



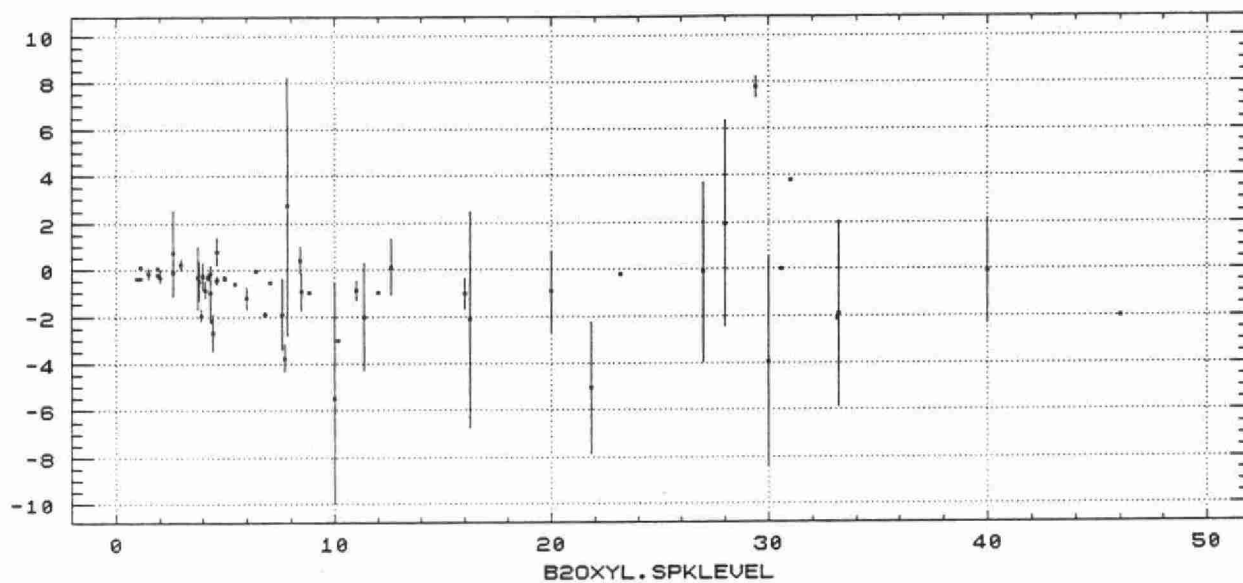
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B2MPXY07.DIFF



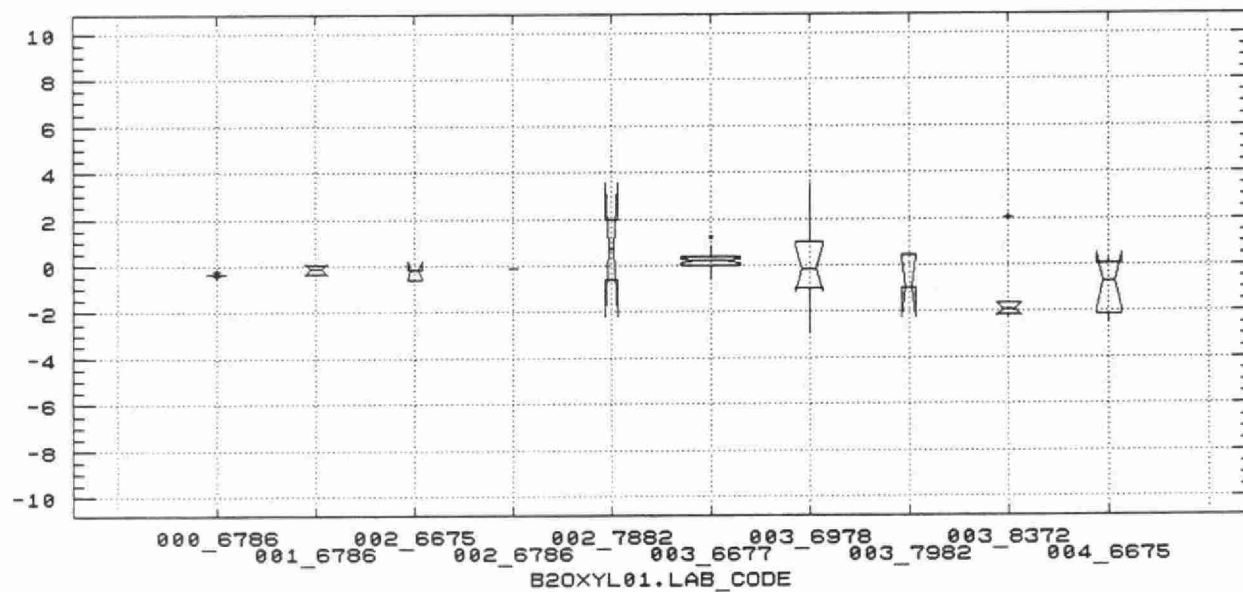
TRAVELLING SPIKED BLANKS

B20XYL.AVG



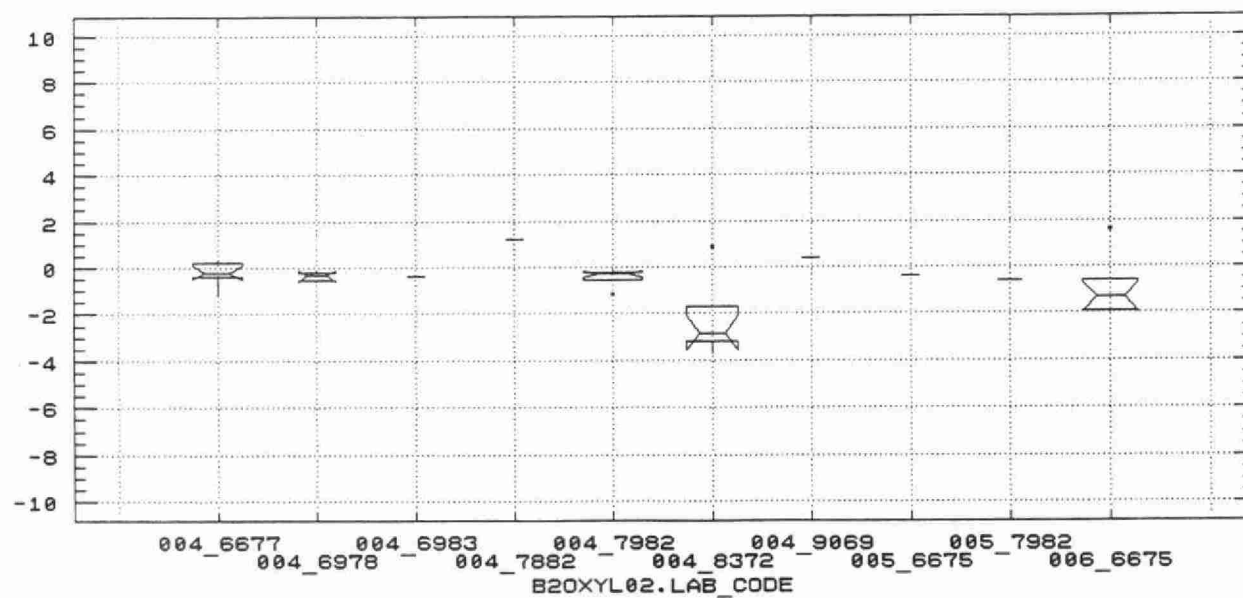
TRAVELLING SPIKED BLANKS

B20XYL01.DIFF



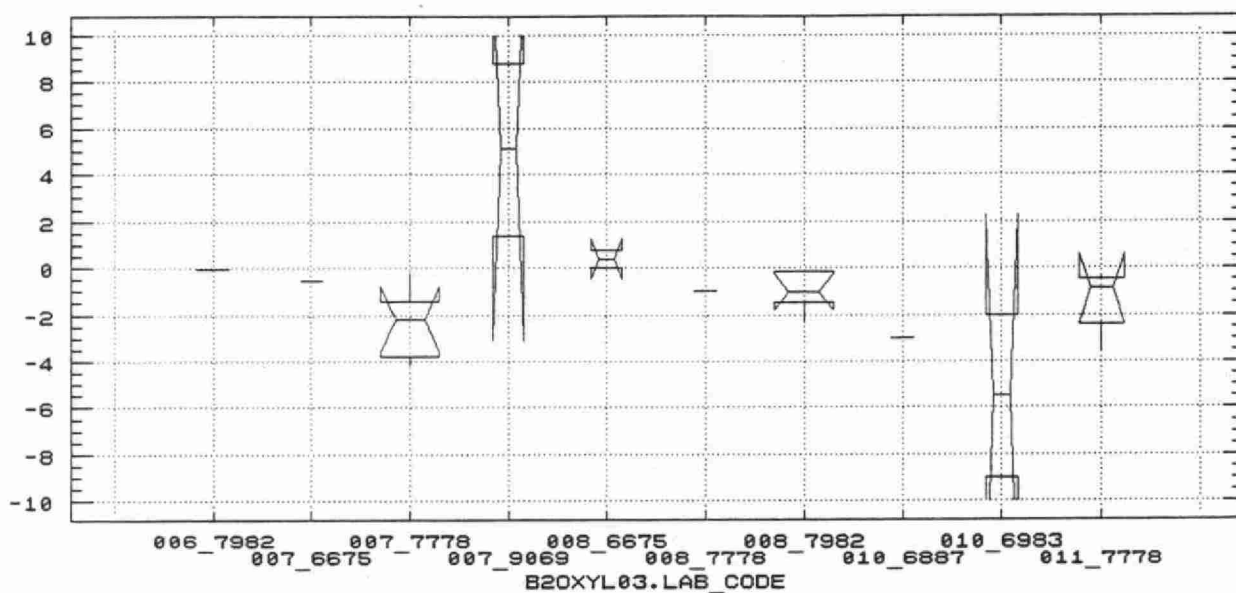
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B20XYL02.DIFF



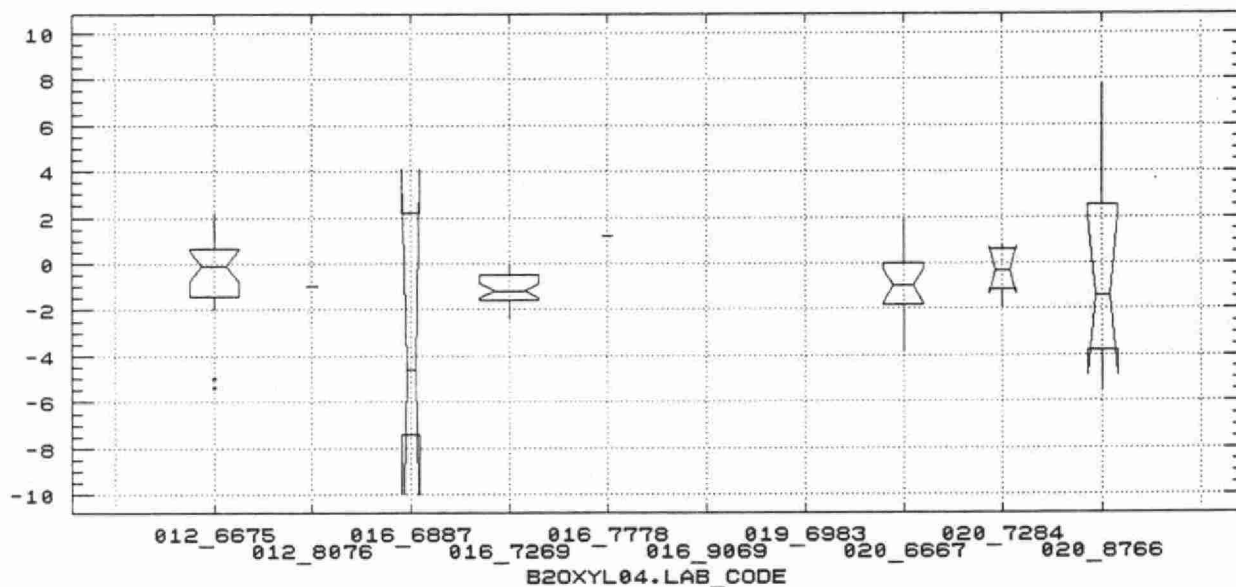
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B20XYL03.DIFF



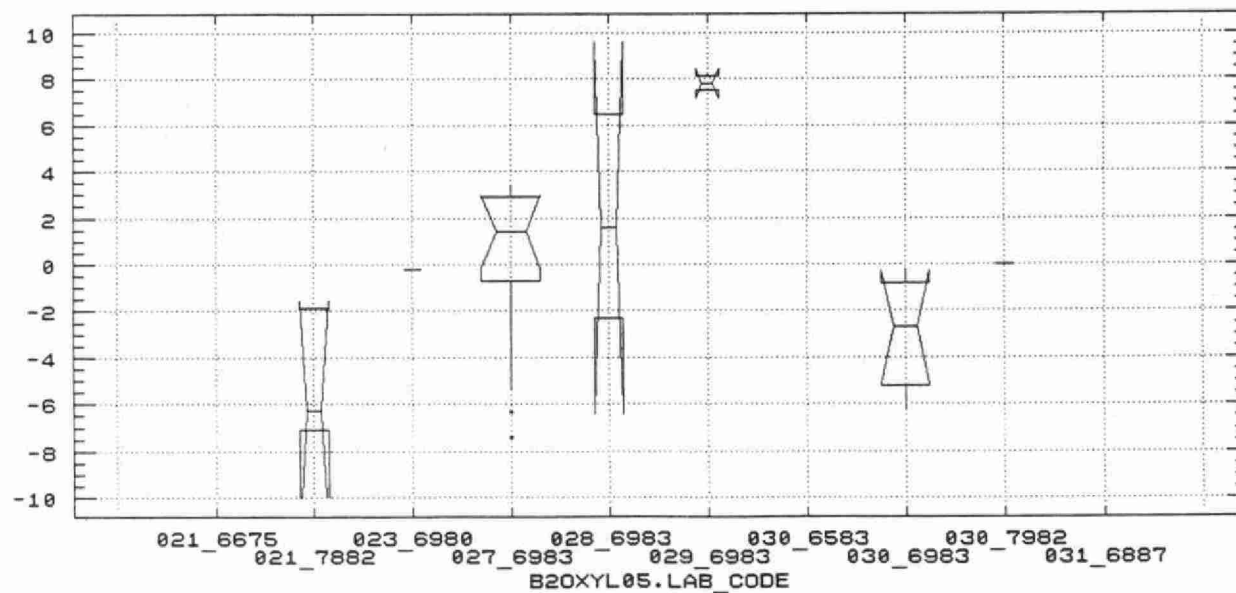
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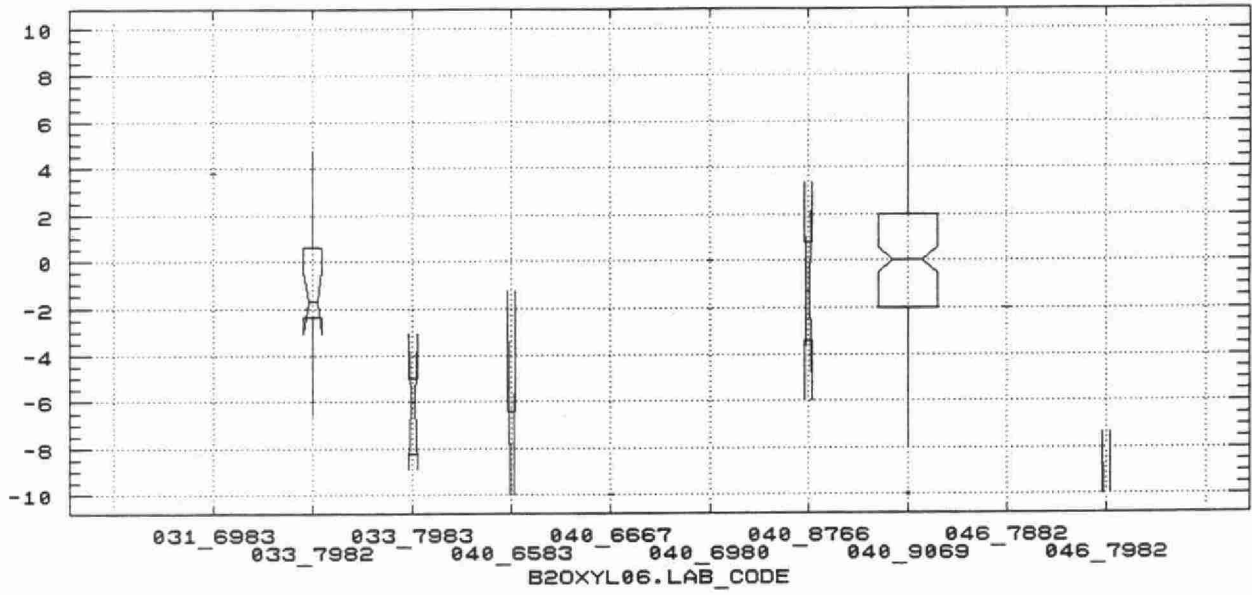
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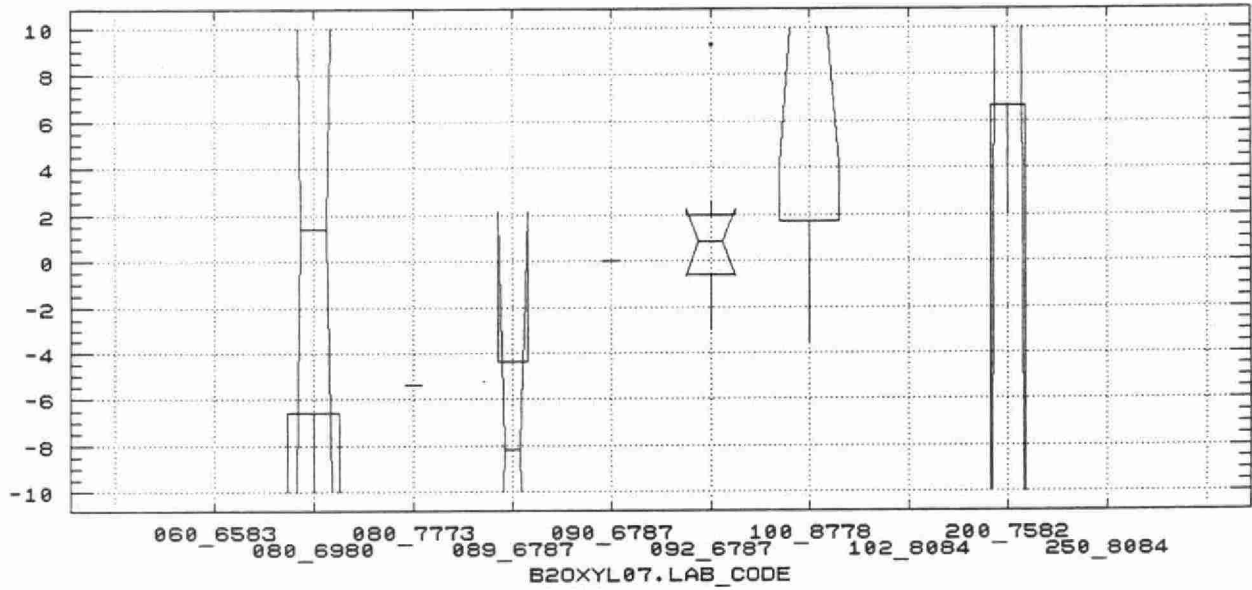
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B20XYL06.DIFF



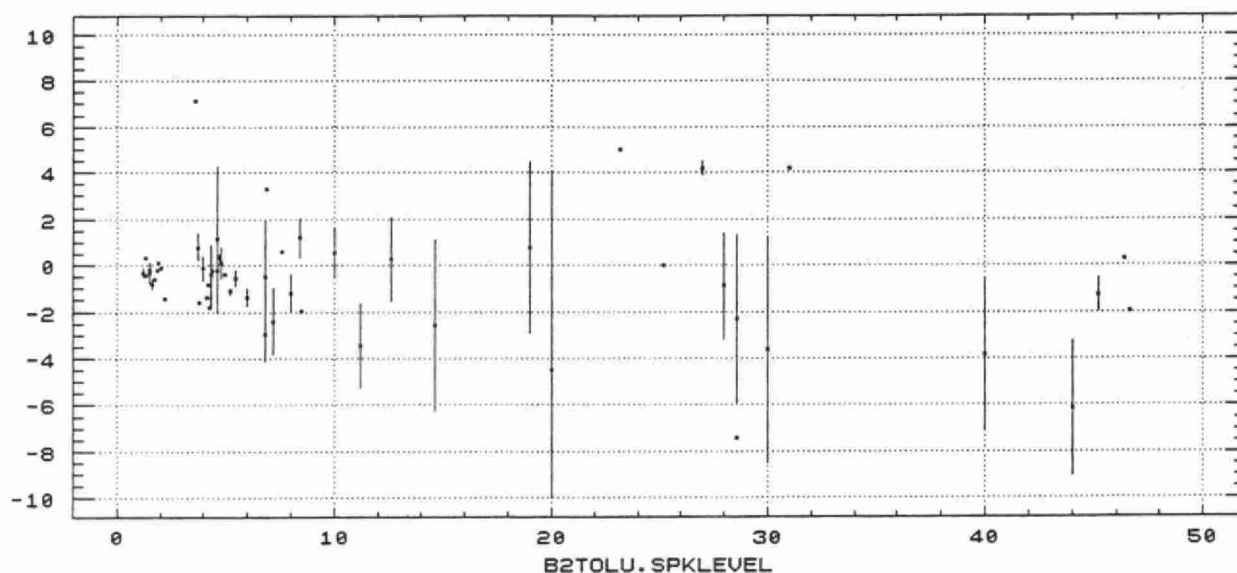
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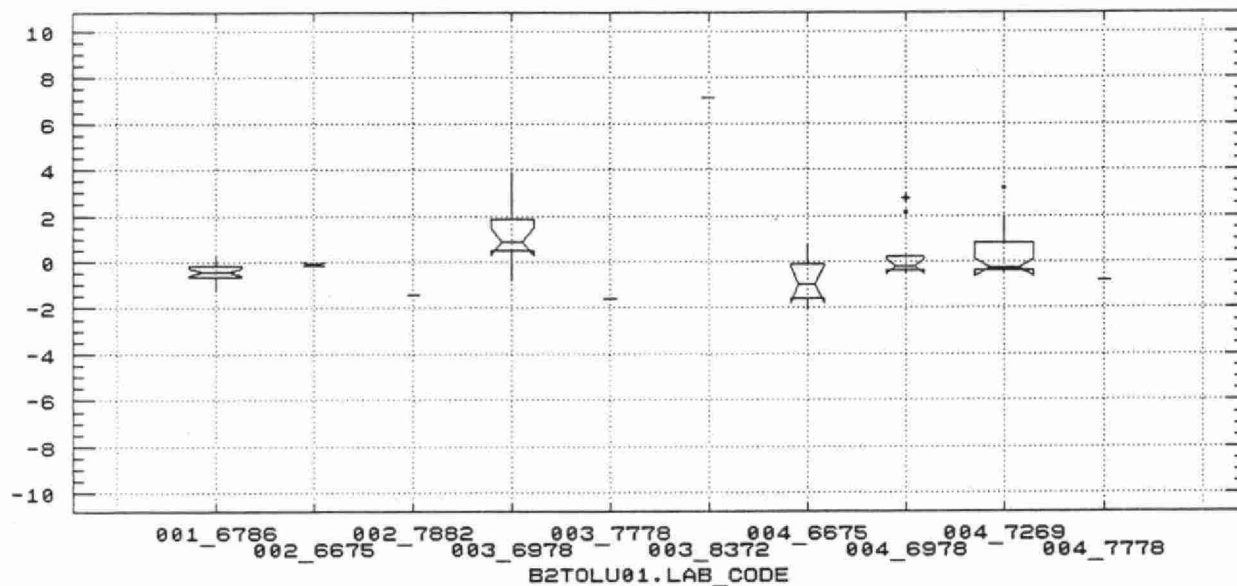
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B2TOLU.AVG



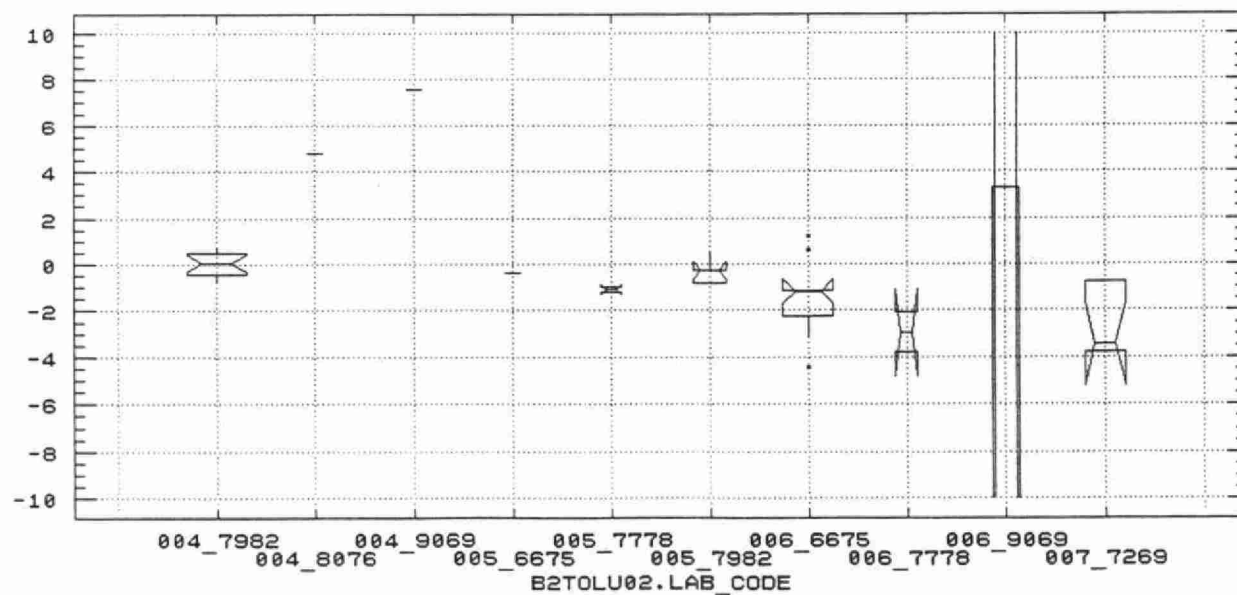
TRAVELLING SPIKED BLANKS

B2TOLU01.DIFF



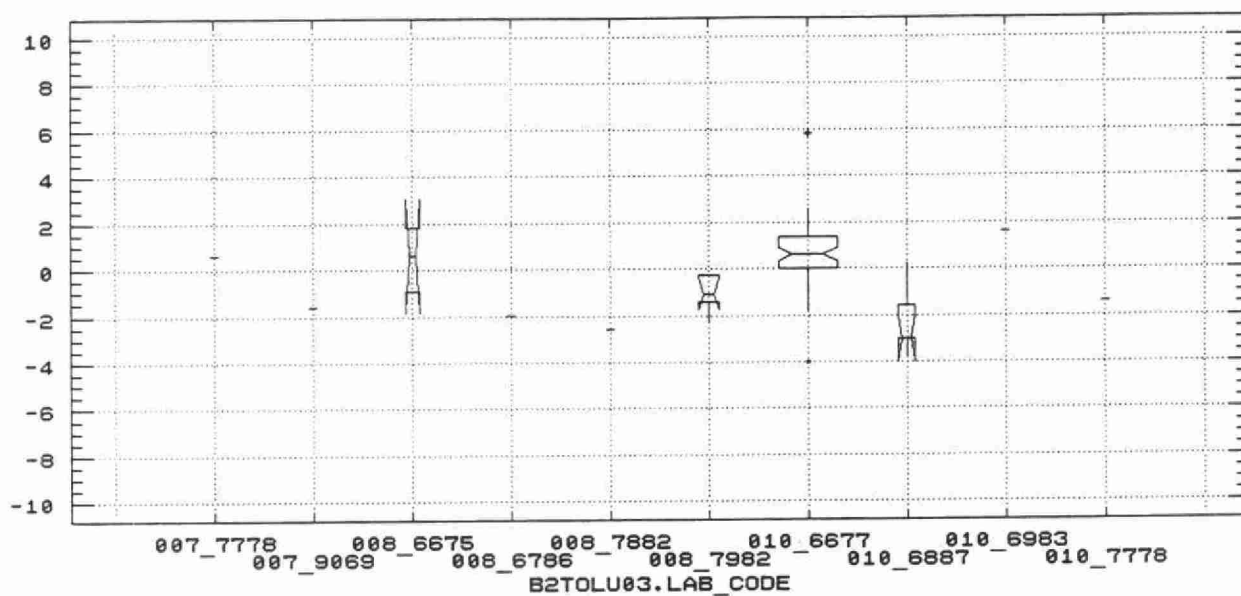
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B2TOLU02.DIFF



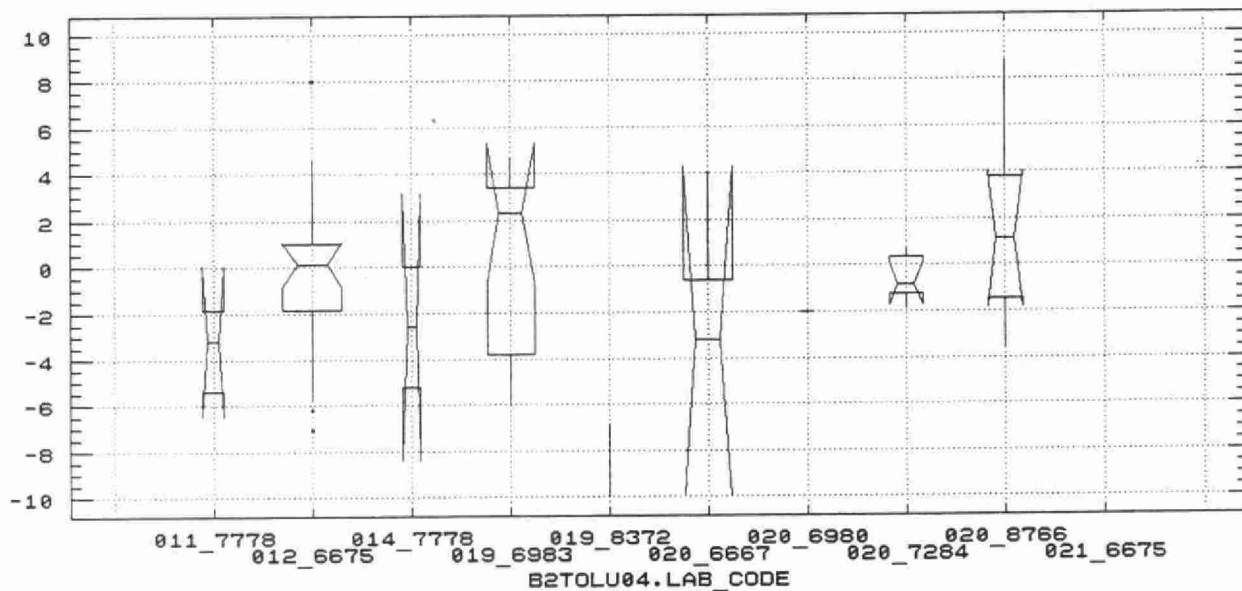
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B2TOLU03.DIFF



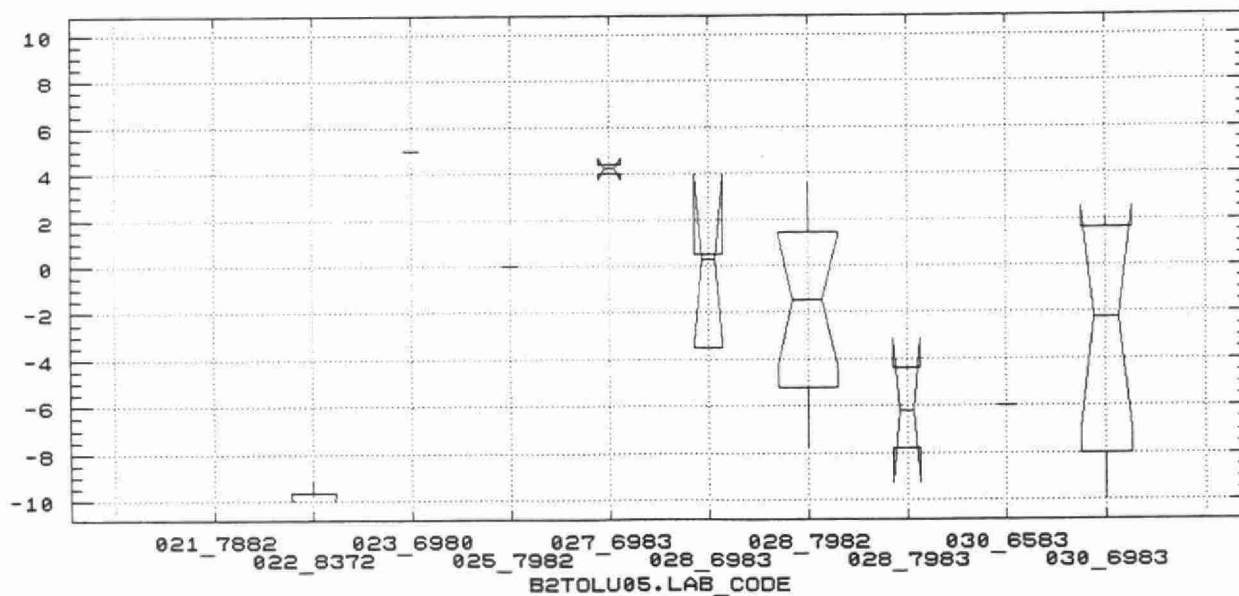
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B2TOLU04.DIFF



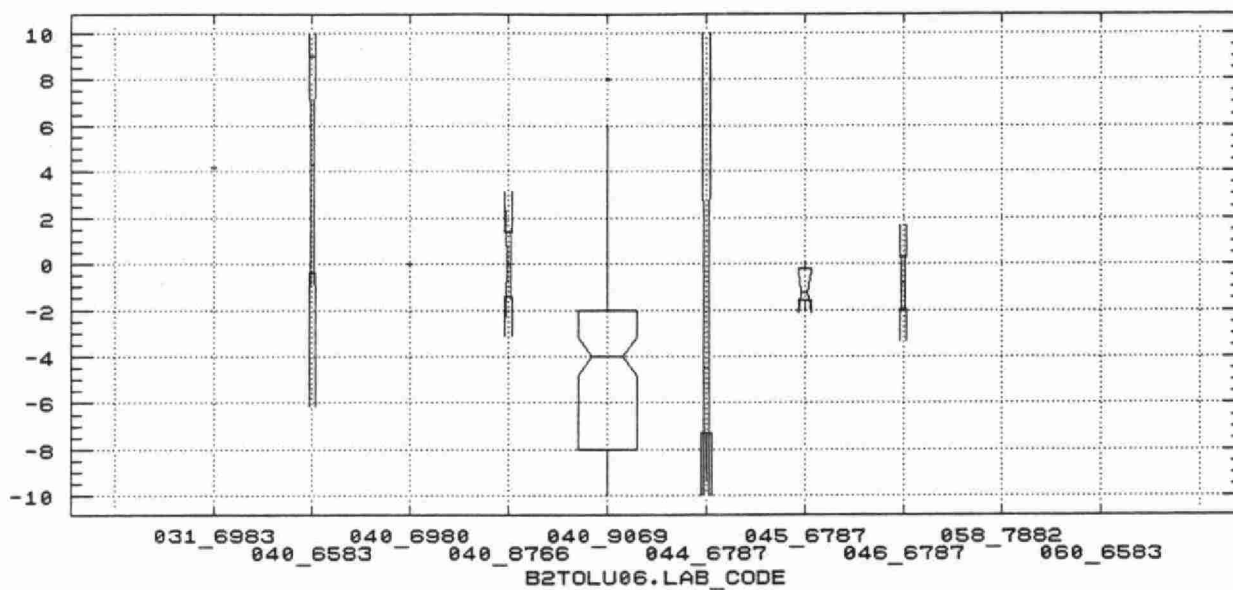
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B2TOLU05.DIFF



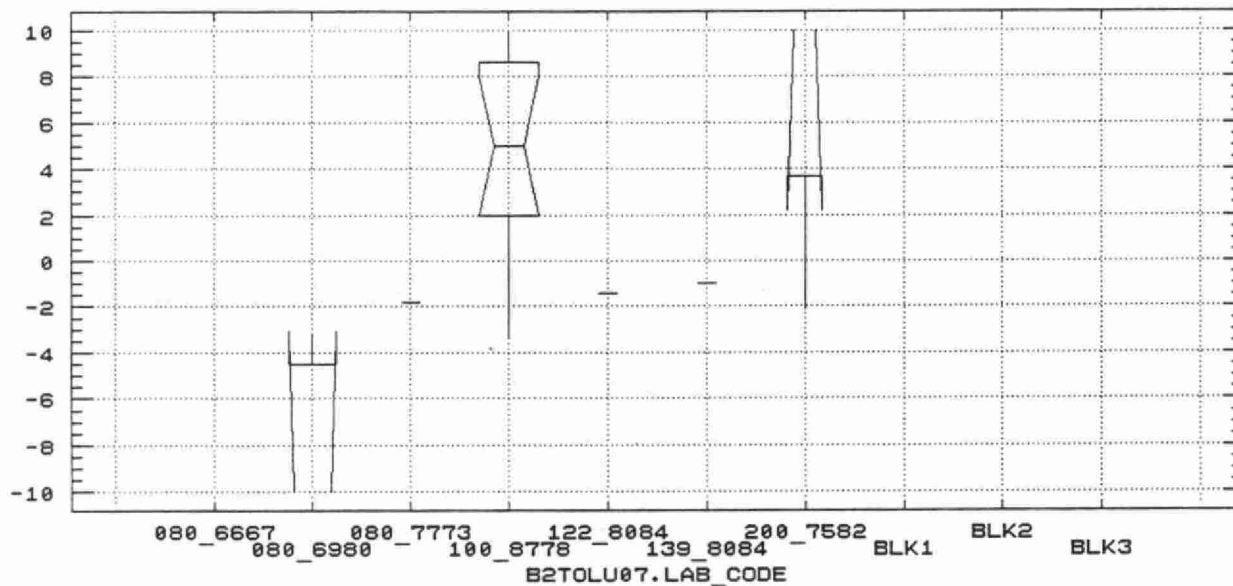
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B2TOLU06.DIFF



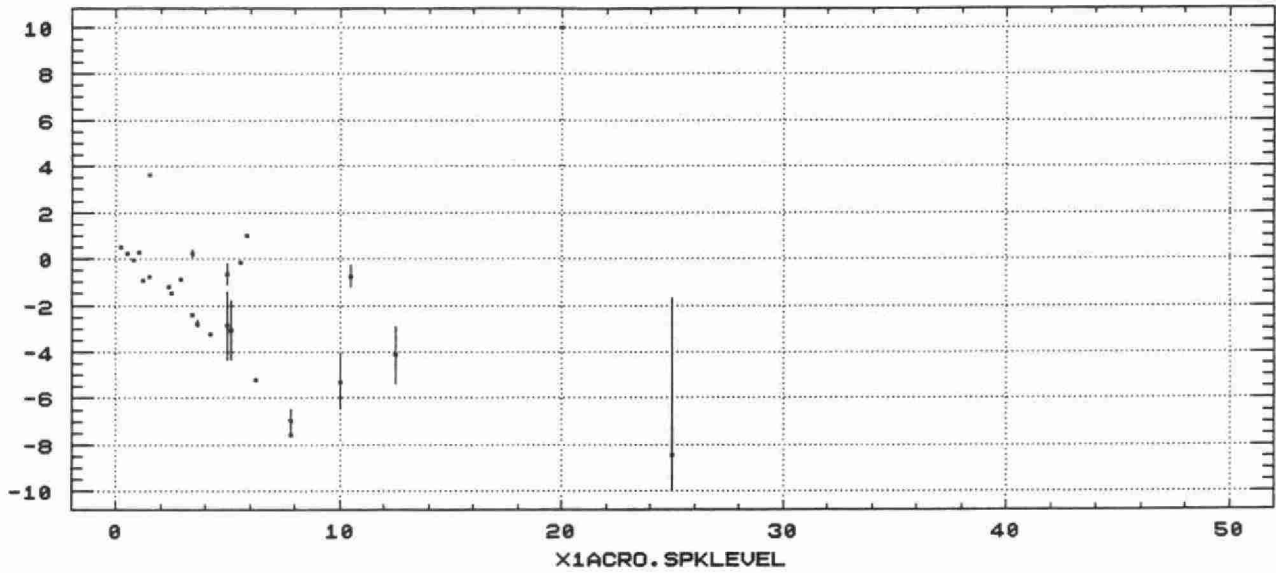
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B2TOLU07.DIFF



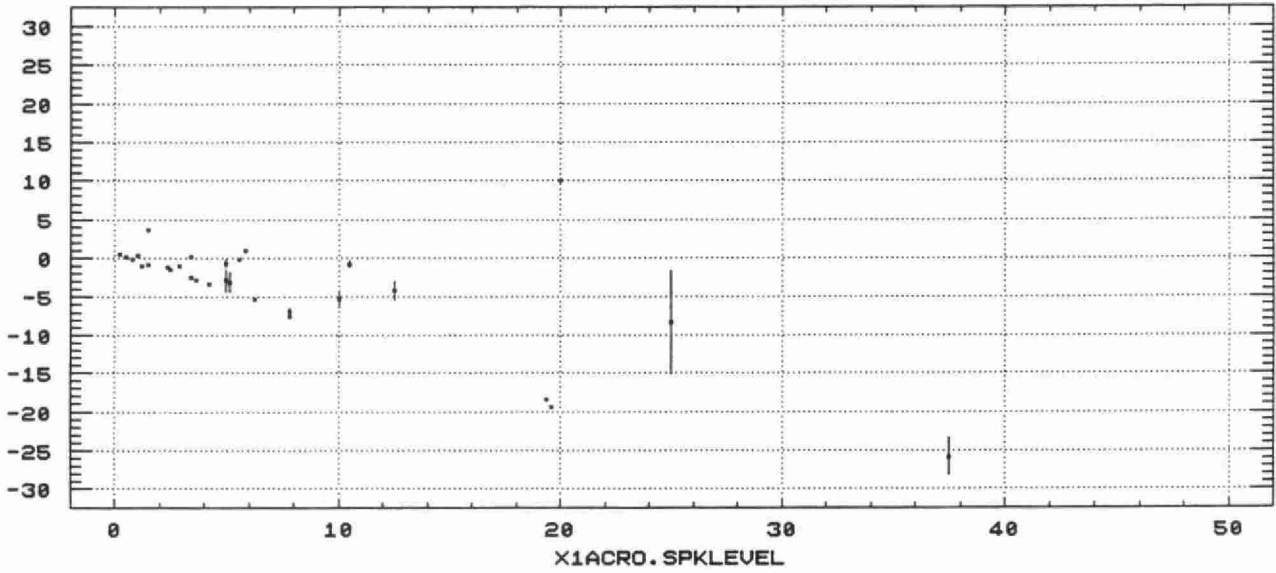
TRAVELLING SPIKED BLANKS

X1ACRO.AVG



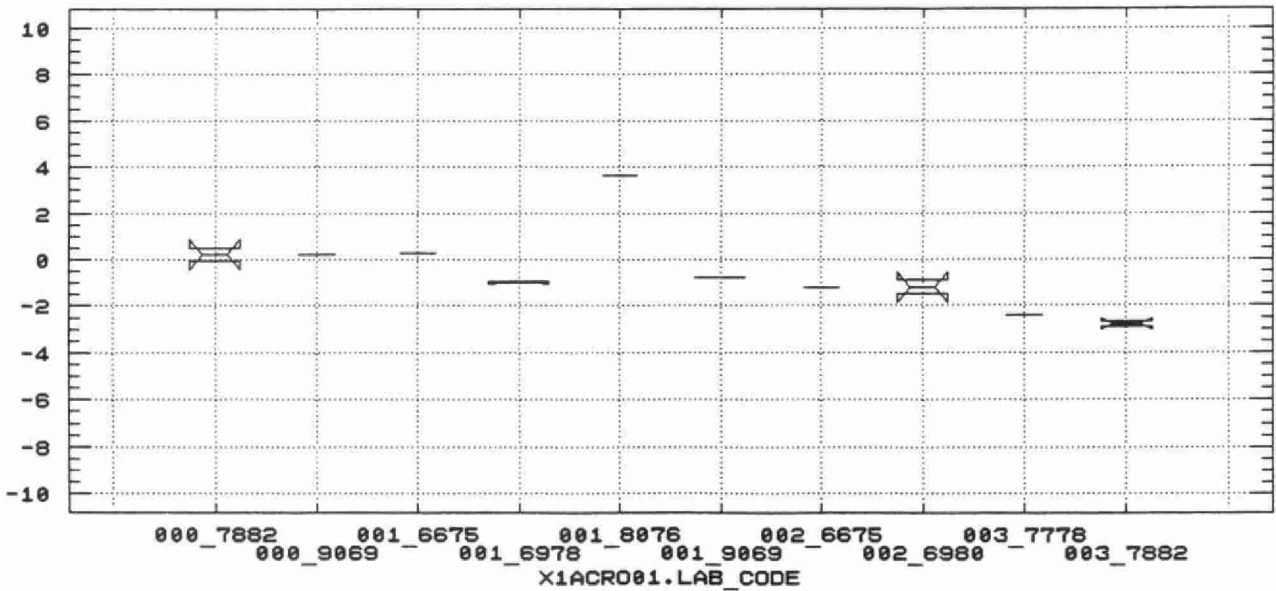
TRAVELLING SPIKED BLANKS

X1ACRO.AVG



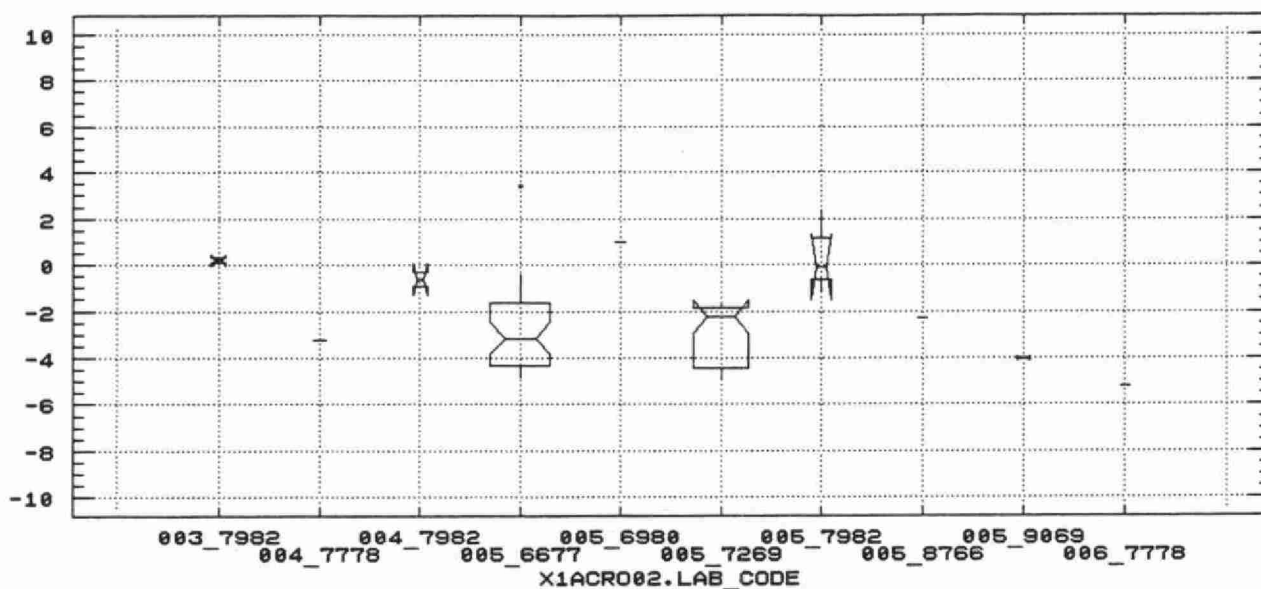
TRAVELLING SPIKED BLANKS

X1ACRO01.DIFF



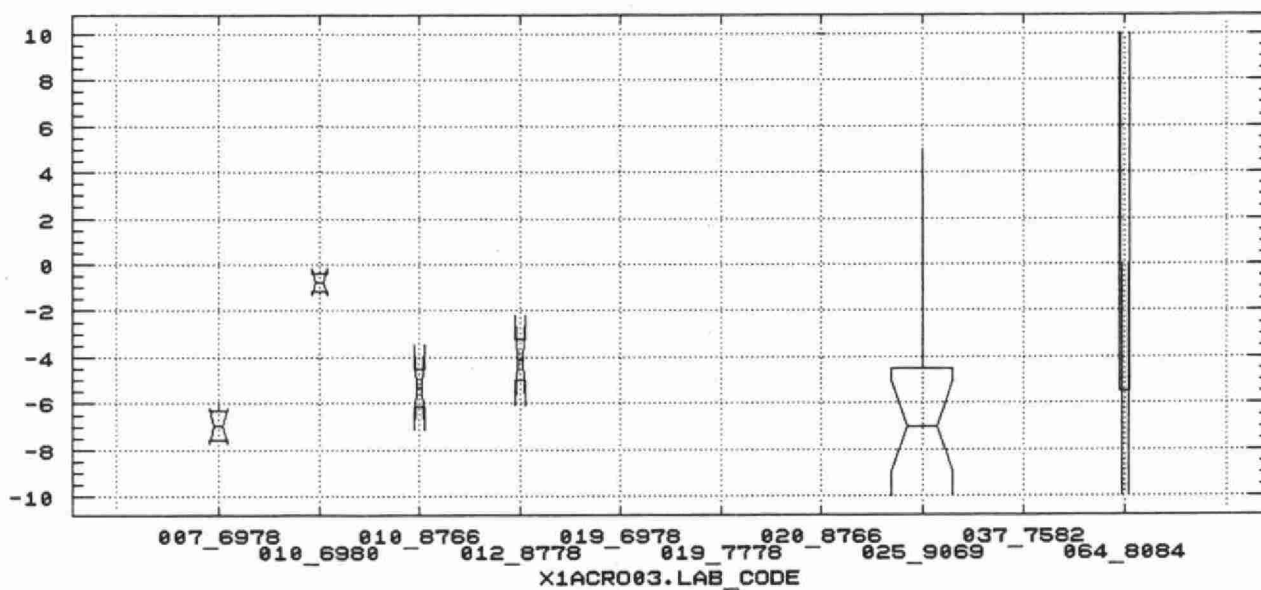
TRAVELLING SPIKED BLANKS

X1ACR002.DIFF



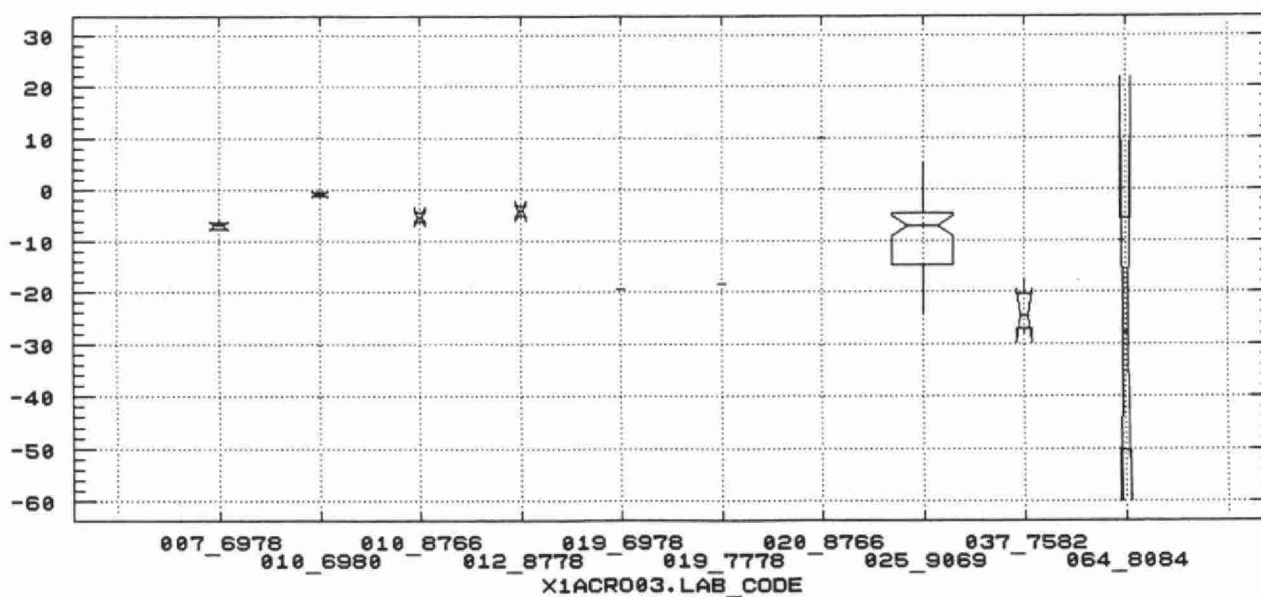
TRAVELLING SPIKED BLANKS

X1ACR003.DIFF



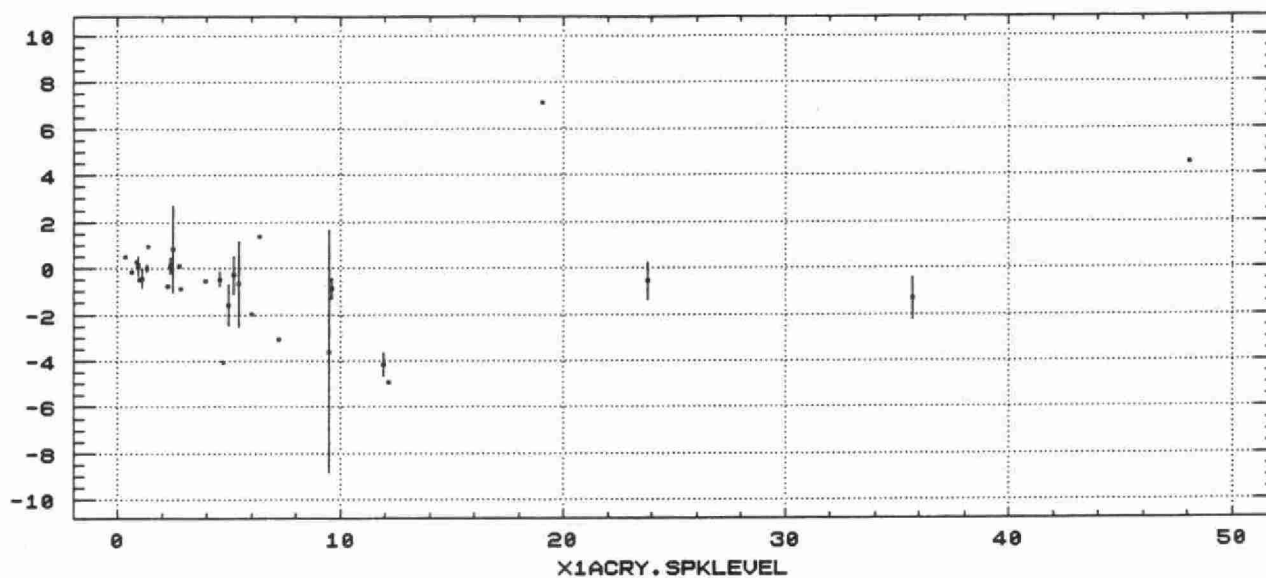
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X1ACR003.DIFF



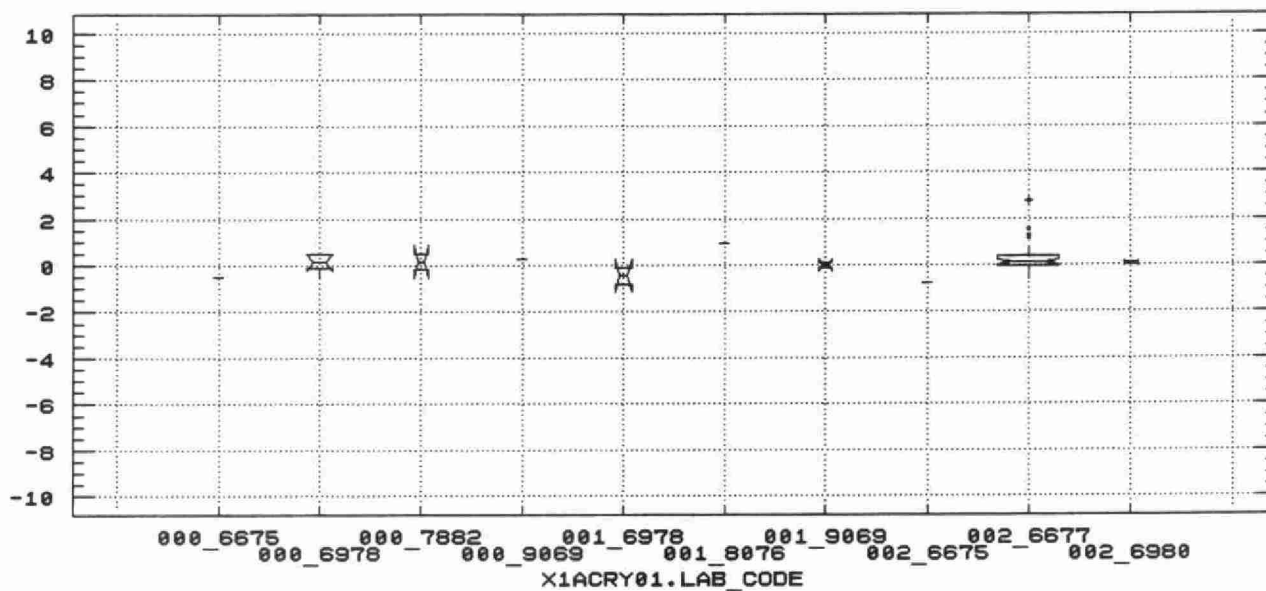
TRAVELLING SPIKED BLANKS

X1ACRY.AUG



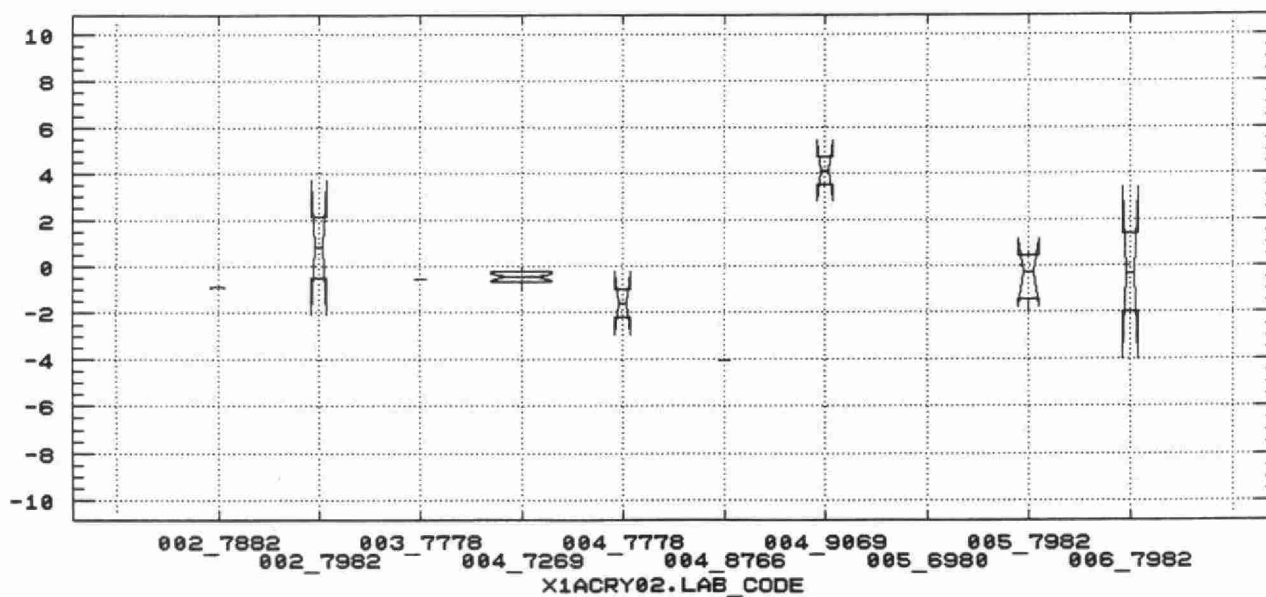
TRAVELLING SPIKED BLANKS

X1ACRY01.DIFF

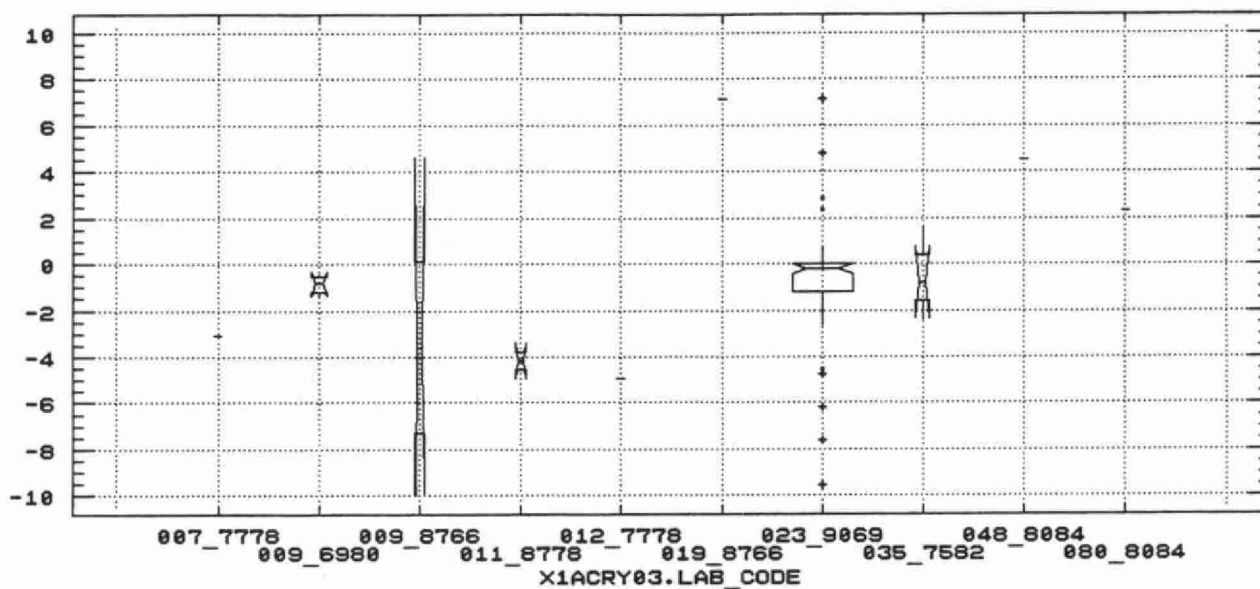


TRAVELLING SPIKED BLANKS

X1ACRY02.DIFF

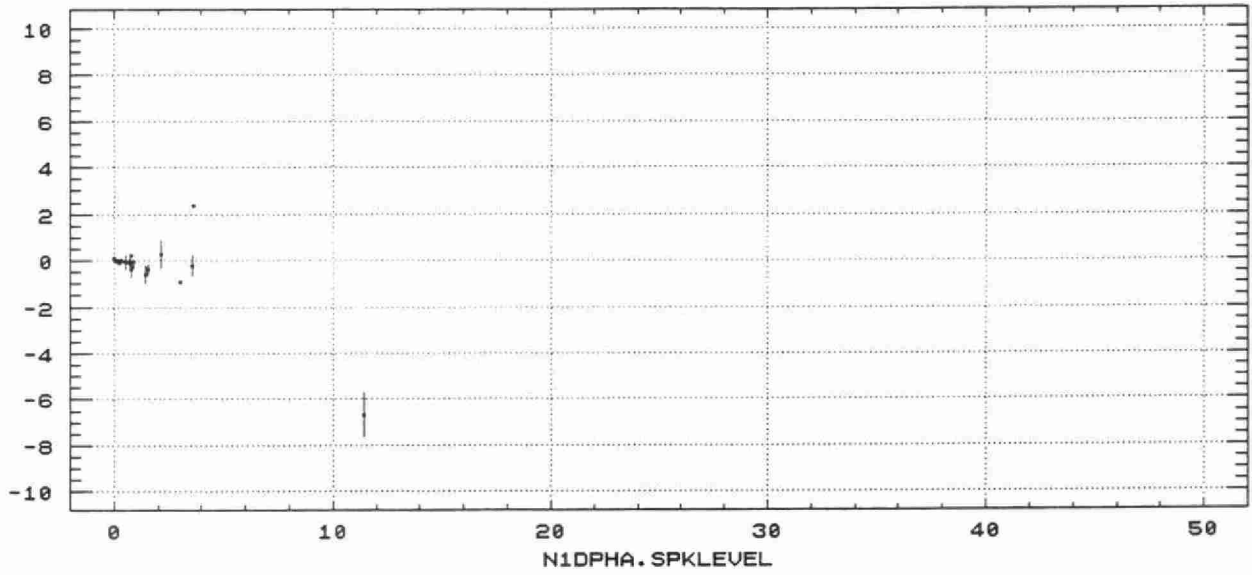


X1ACRY03.DIFF



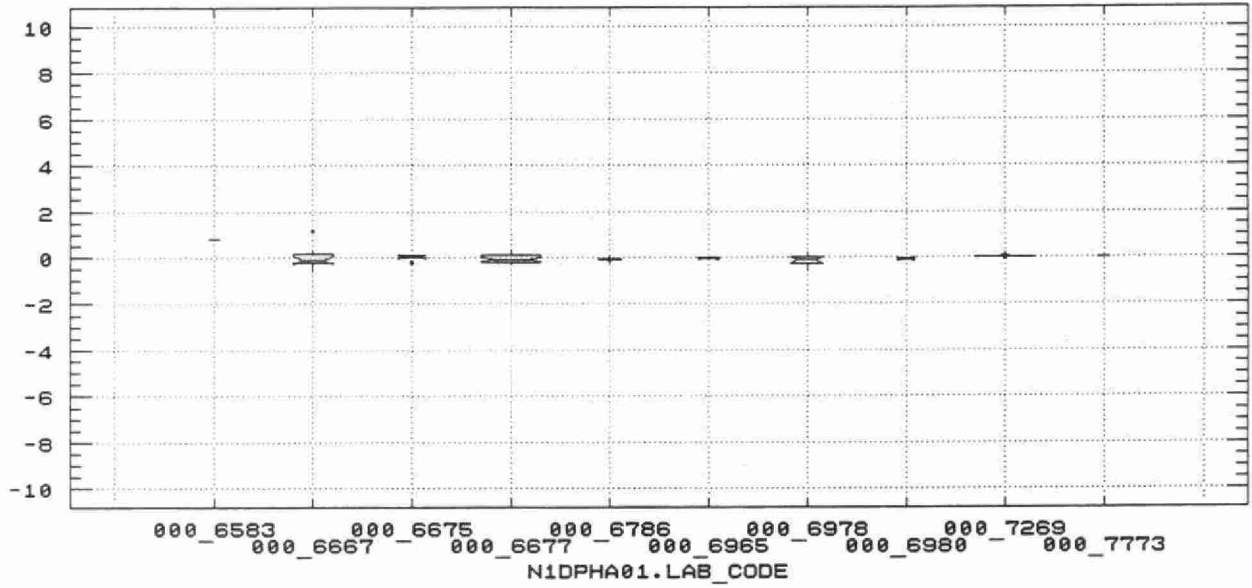
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N1DPHA.AVG



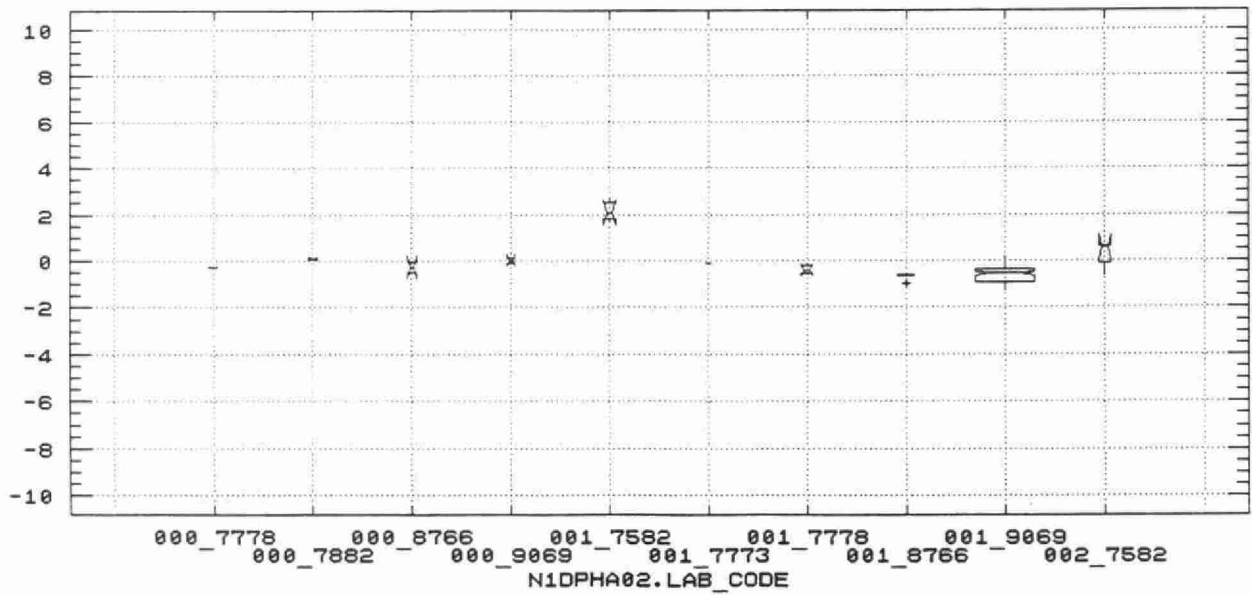
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N1DPHA01.DIFF



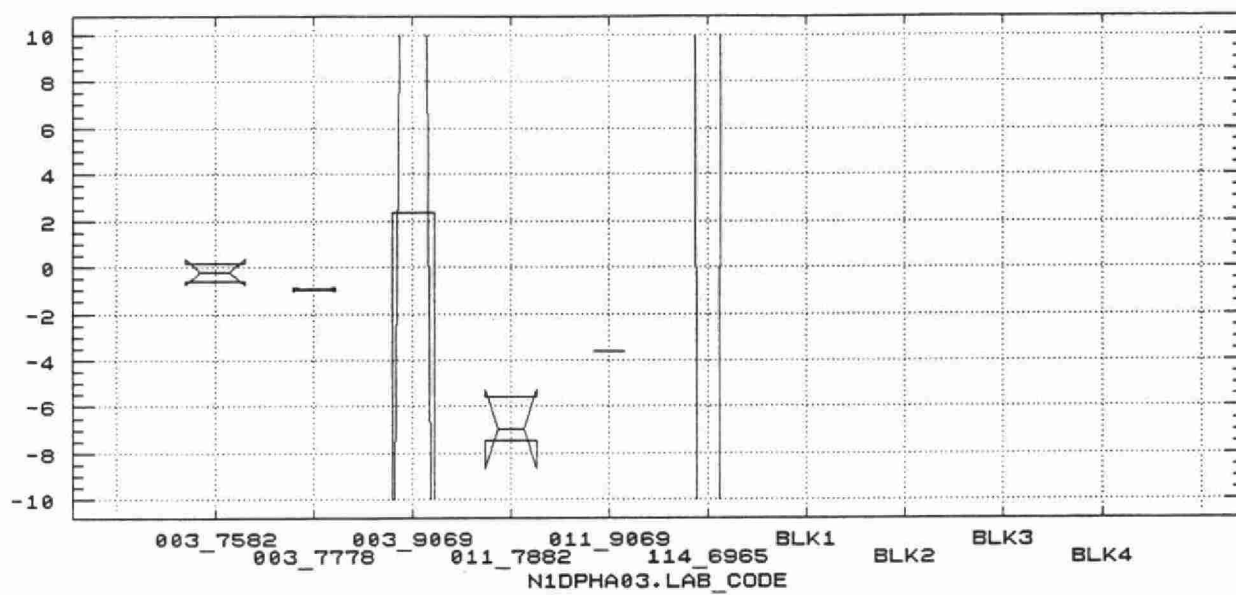
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N1DPHA02.DIFF

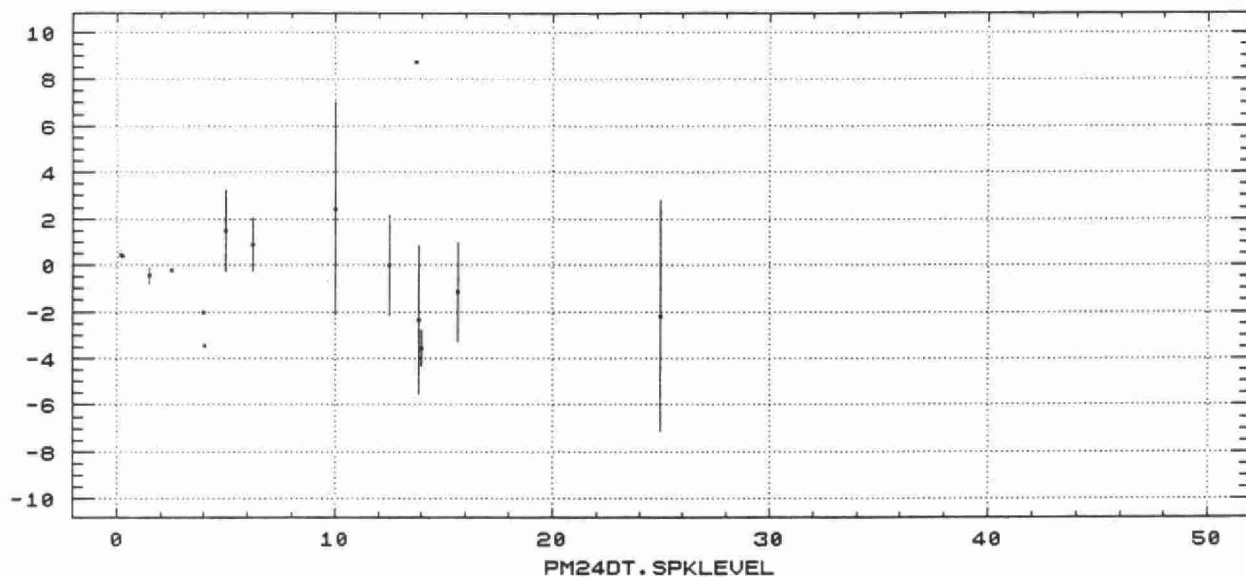


TRAVELLING SPIKED BLANKS

N1DPA03.DIFF

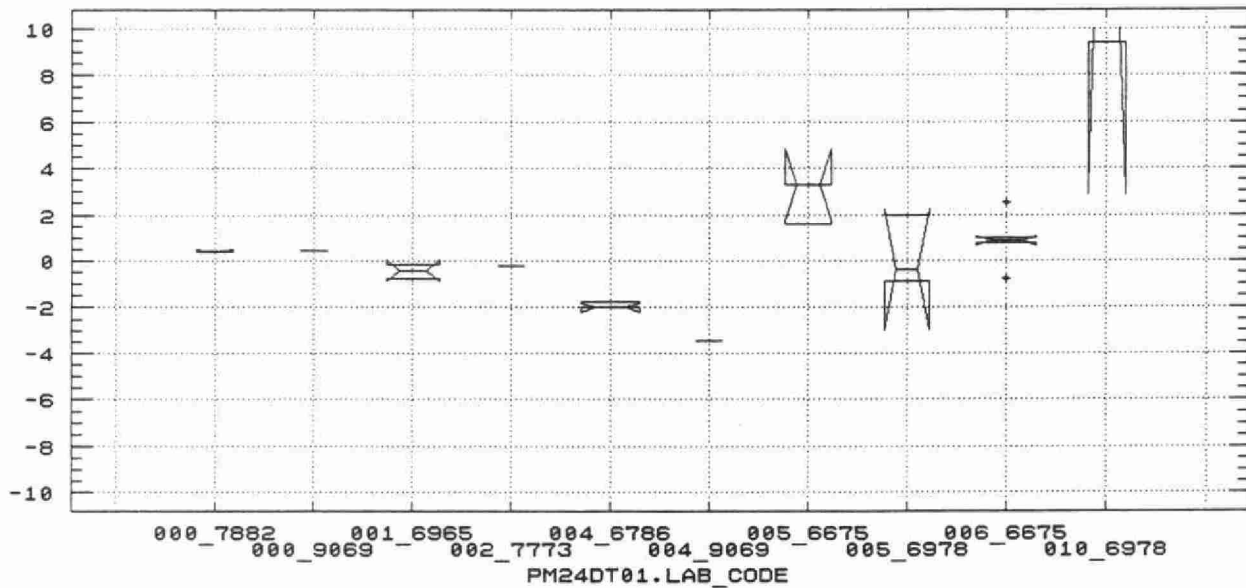


PM24DT.AUG



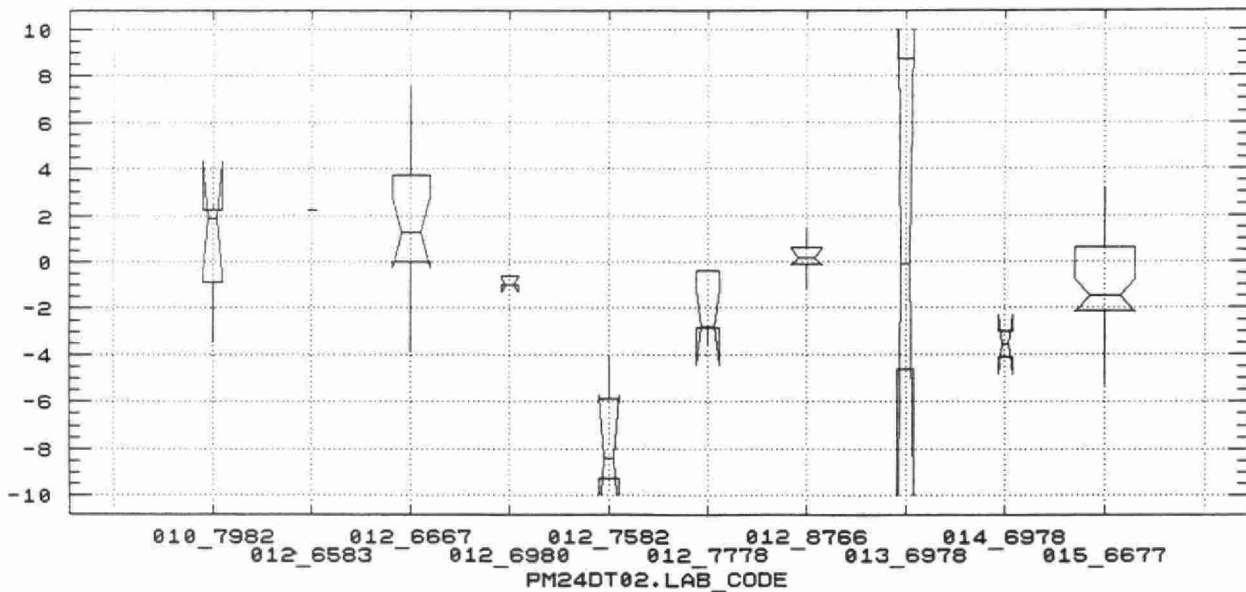
TRAVELLING SPIKED BLANKS

PM24DT01.DIFF



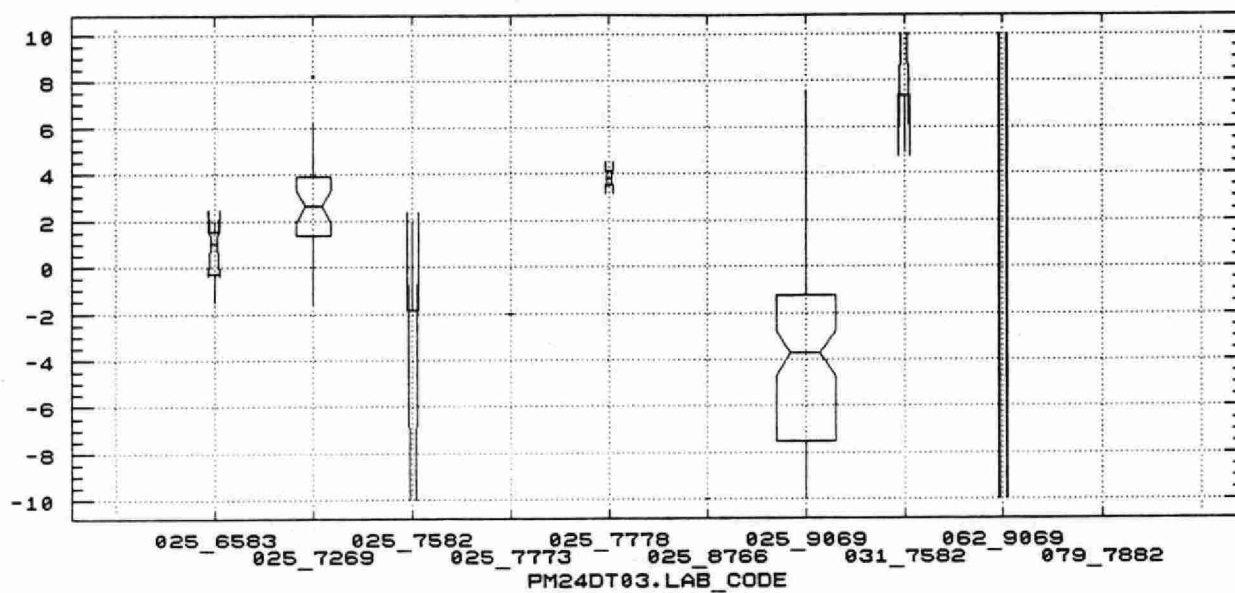
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PM24DT02.DIFF



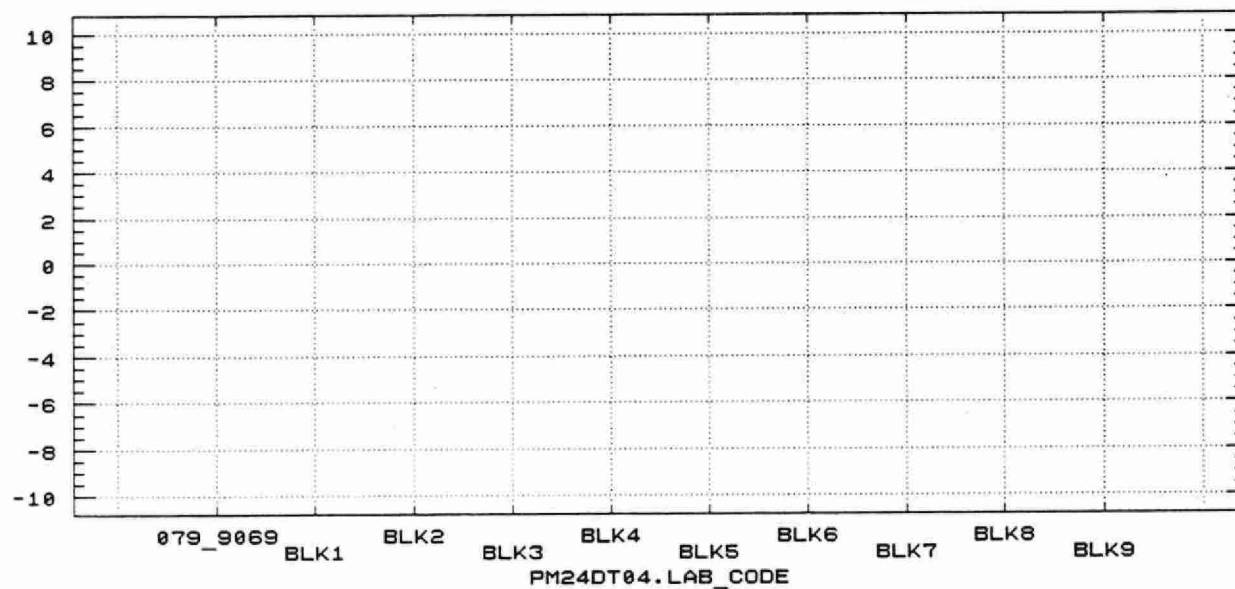
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PM24DT03.DIFF



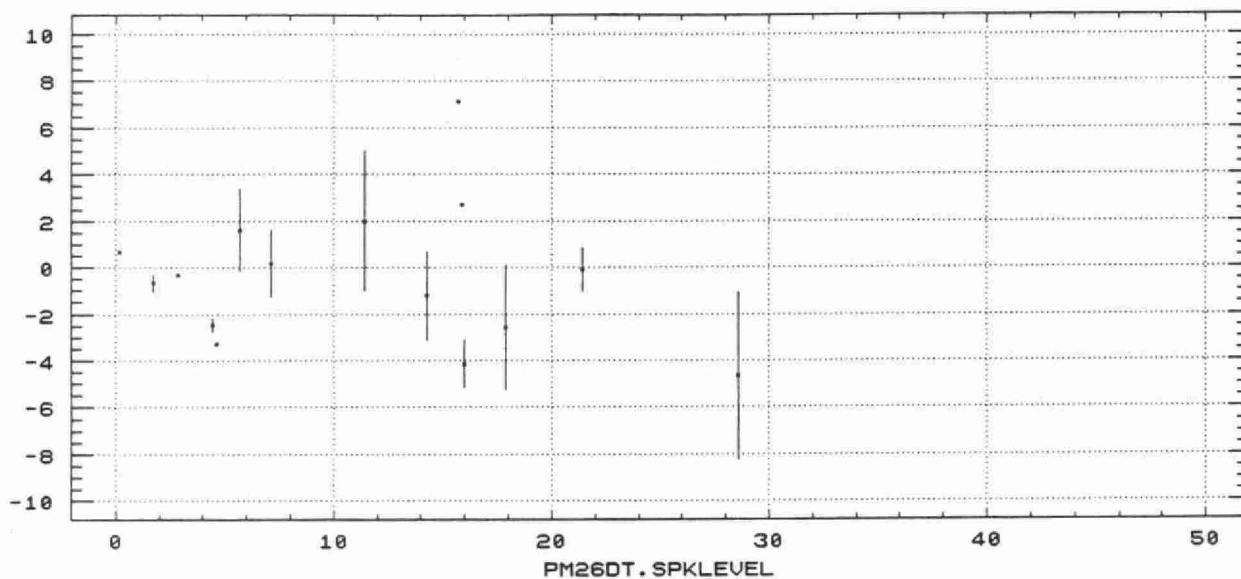
TRAVELLING SPIKED BLANKS

PM24DT04.DIFF



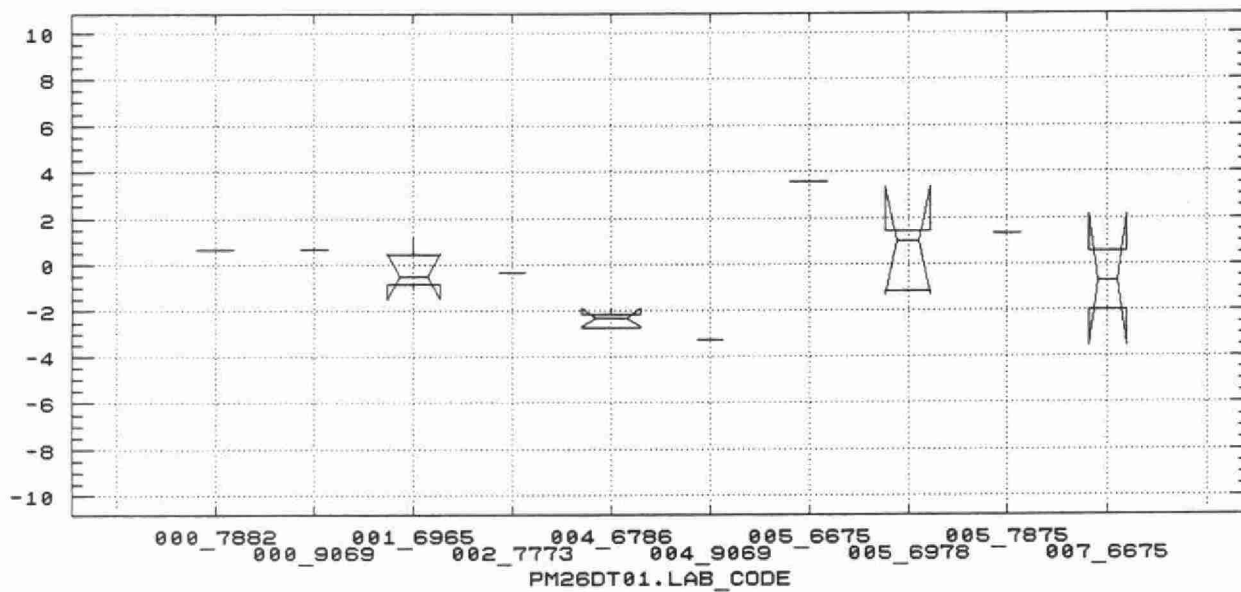
TRAVELLING SPIKED BLANKS

PM26DT.AVG



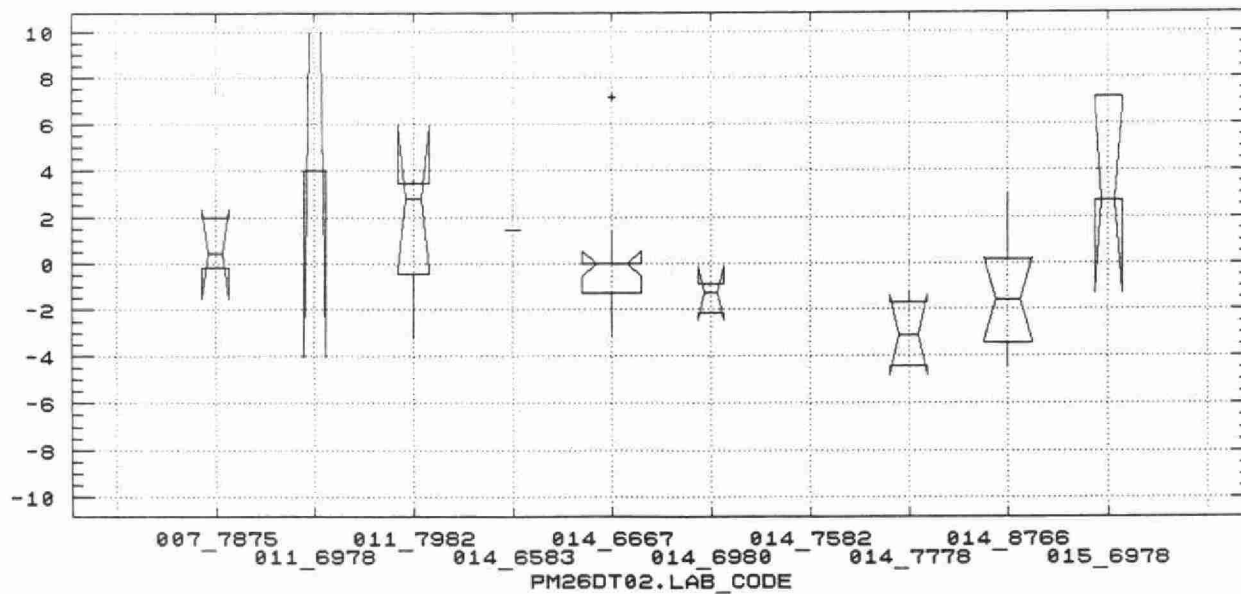
TRAVELLING SPIKED BLANKS

PM26DT01.DIFF



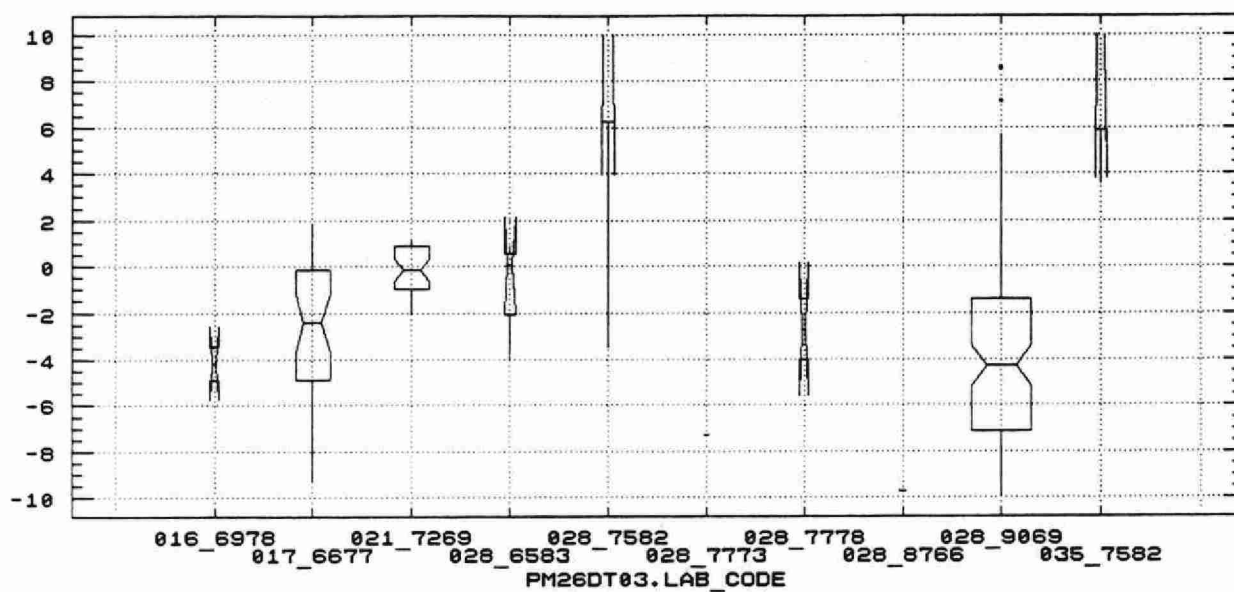
TRAVELLING SPIKED BLANKS

PM26DT02.DIFF



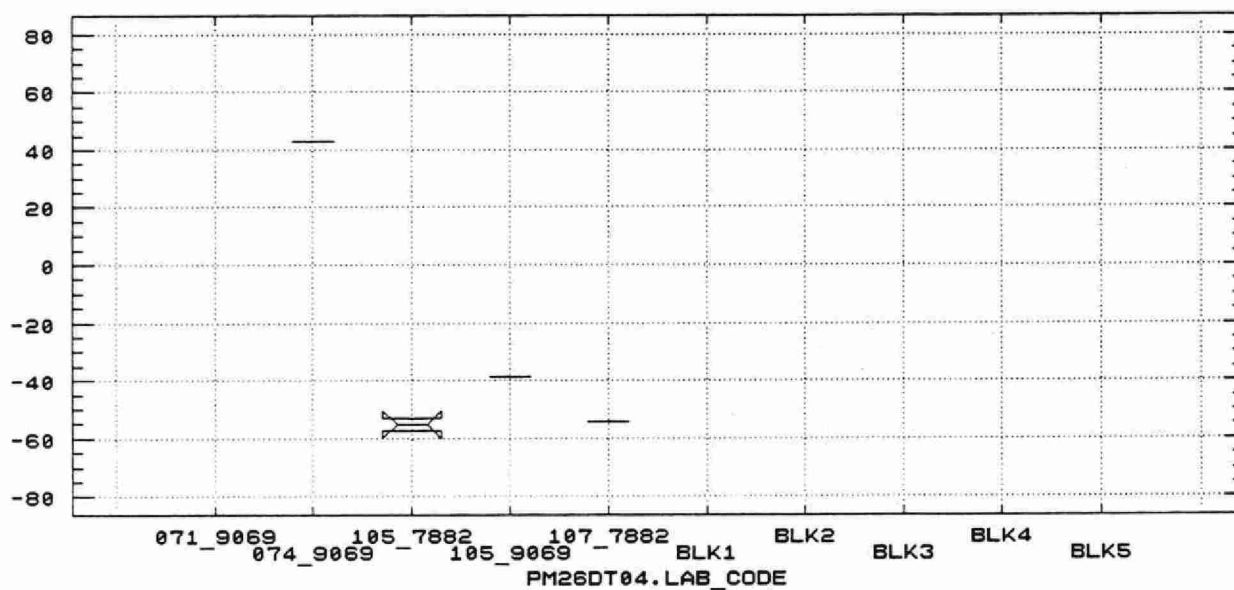
TRAVELLING SPIKED BLANKS

PM26DT03.DIFF



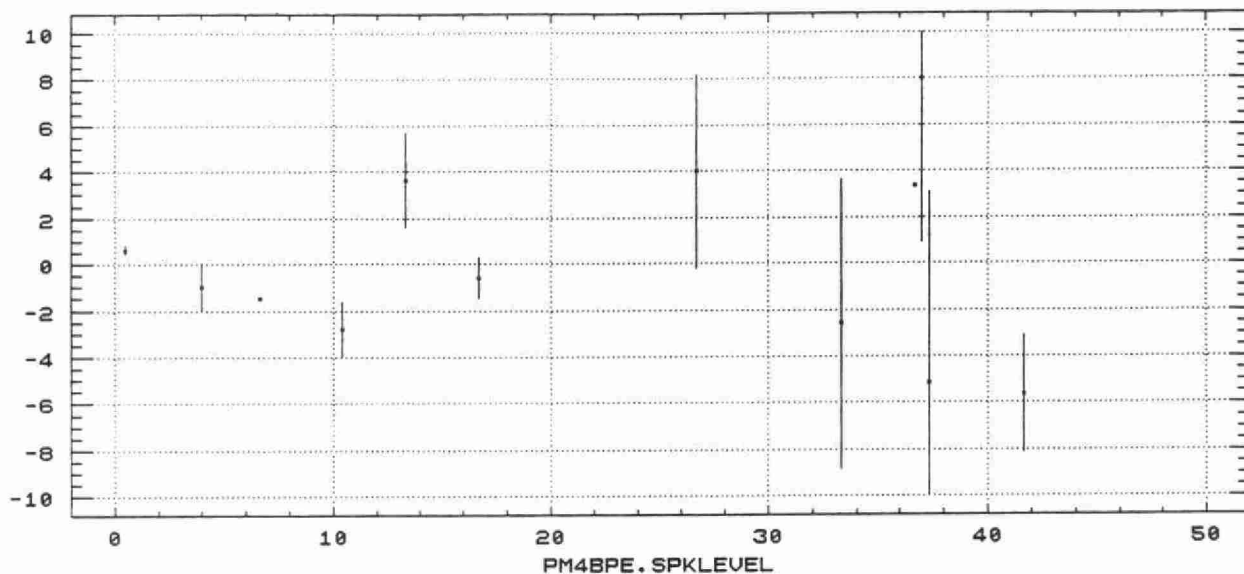
TRAVELLING SPIKED BLANKS

PM26DT04.DIFF



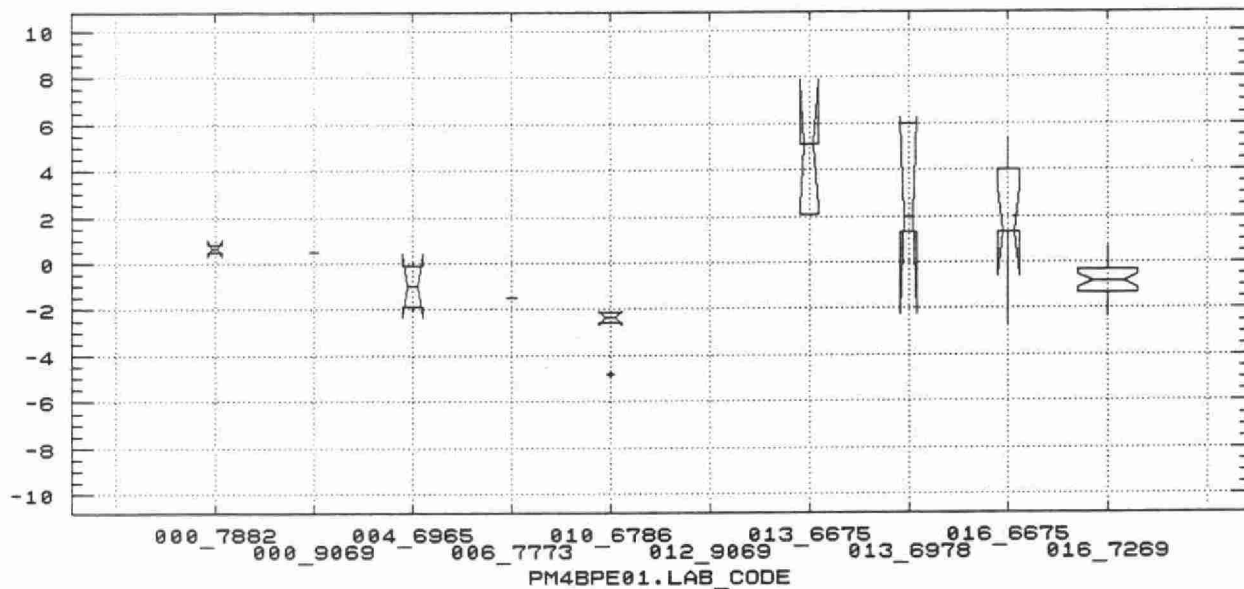
TRAVELLING SPIKED BLANKS

PM4BPE.AUG



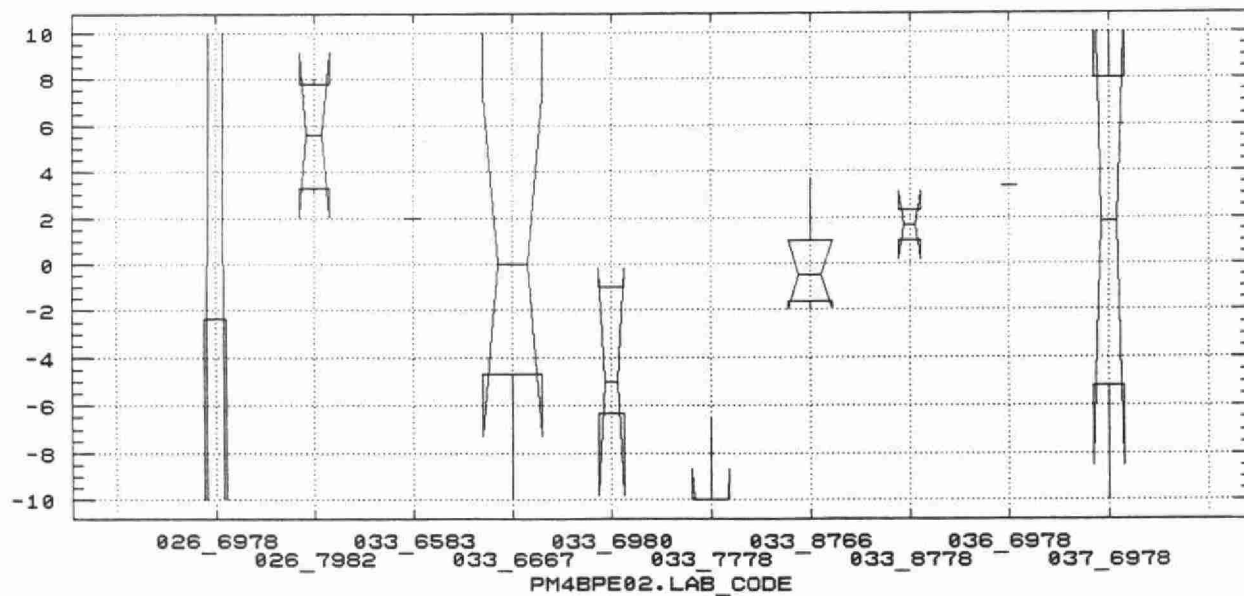
TRAVELLING SPIKED BLANKS

PM4BPE01.DIFF



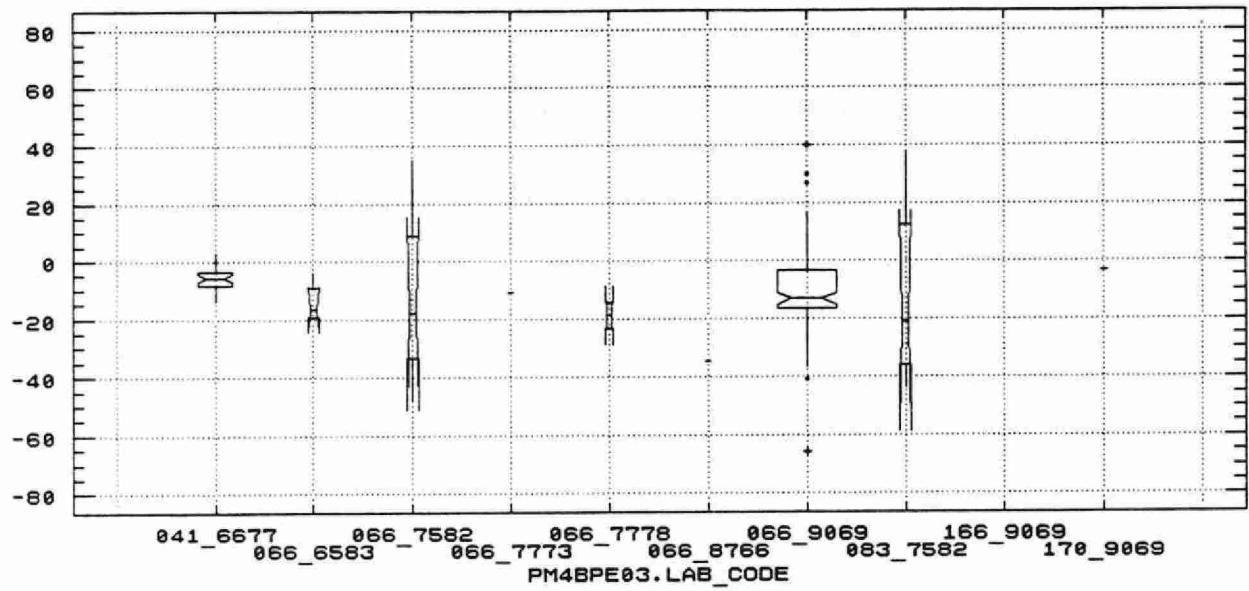
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PM4BPE02.DIFF



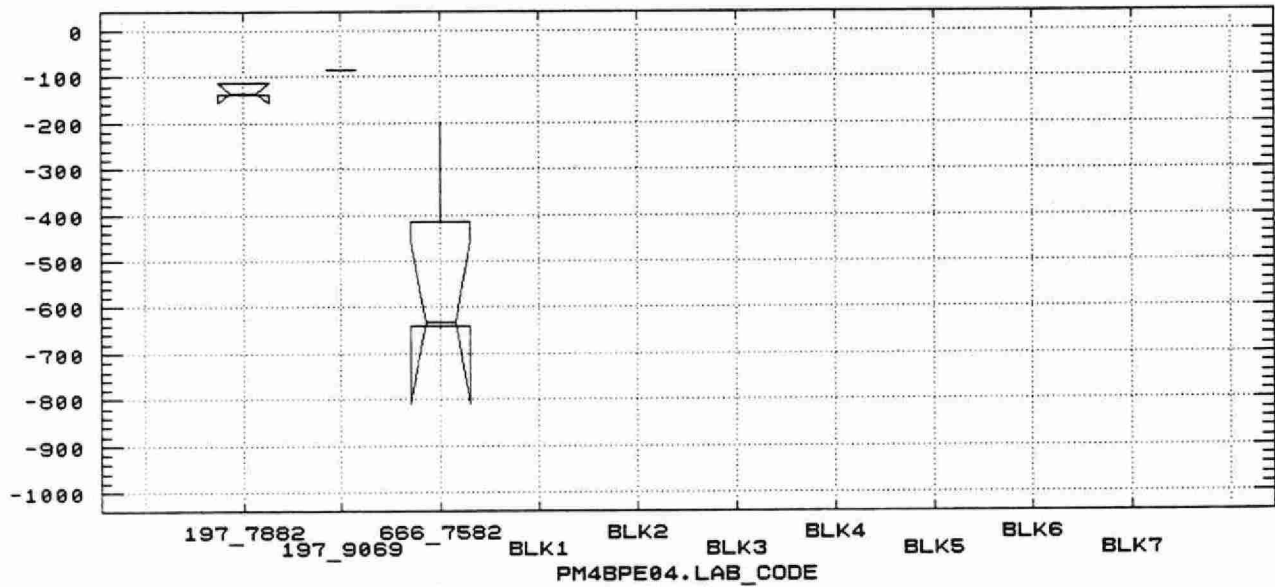
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PM4BPE03.DIFF



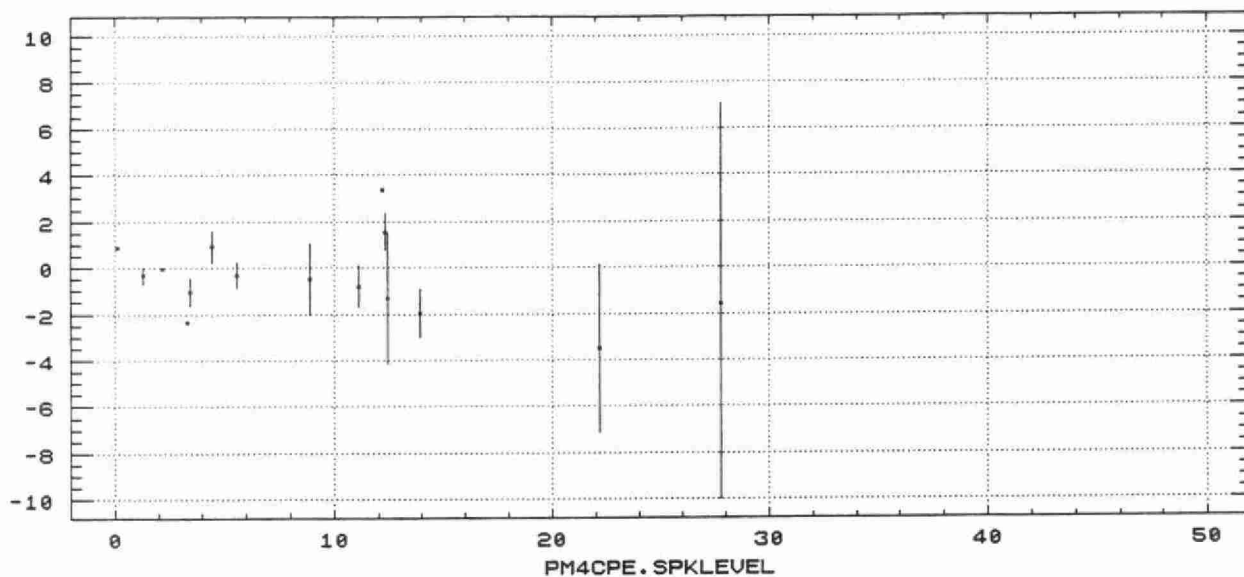
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PM4BPE04.DIFF



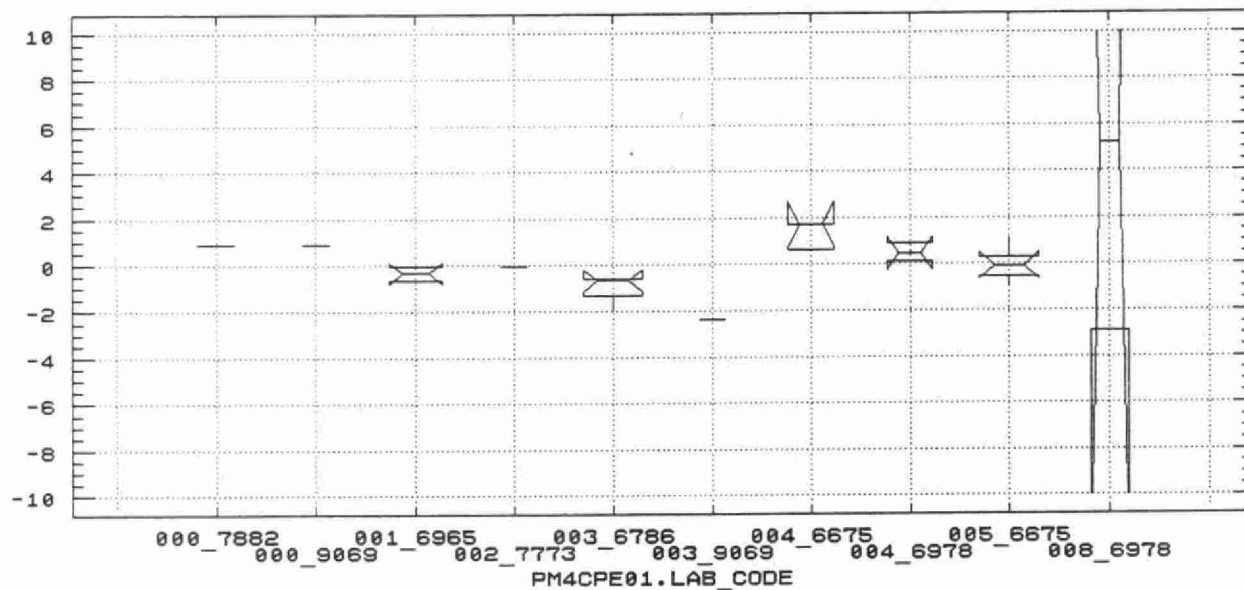
TRAVELLING SPIKED BLANKS

PM4CPE.AVG



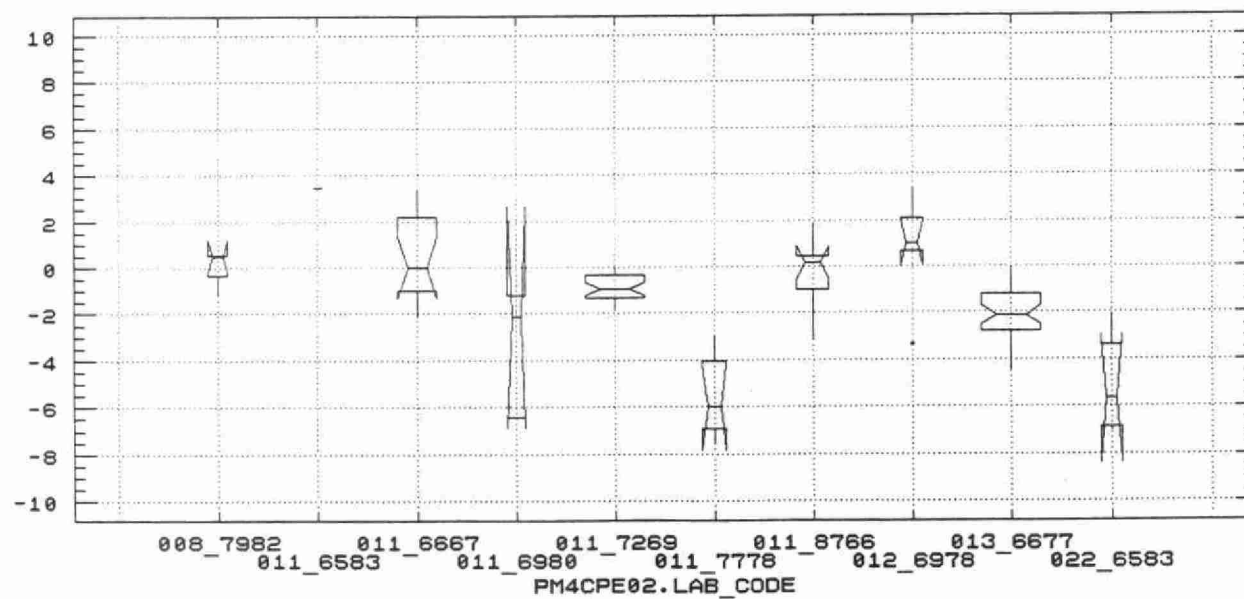
TRAVELLING SPIKED BLANKS

PM4CPE01.DIFF



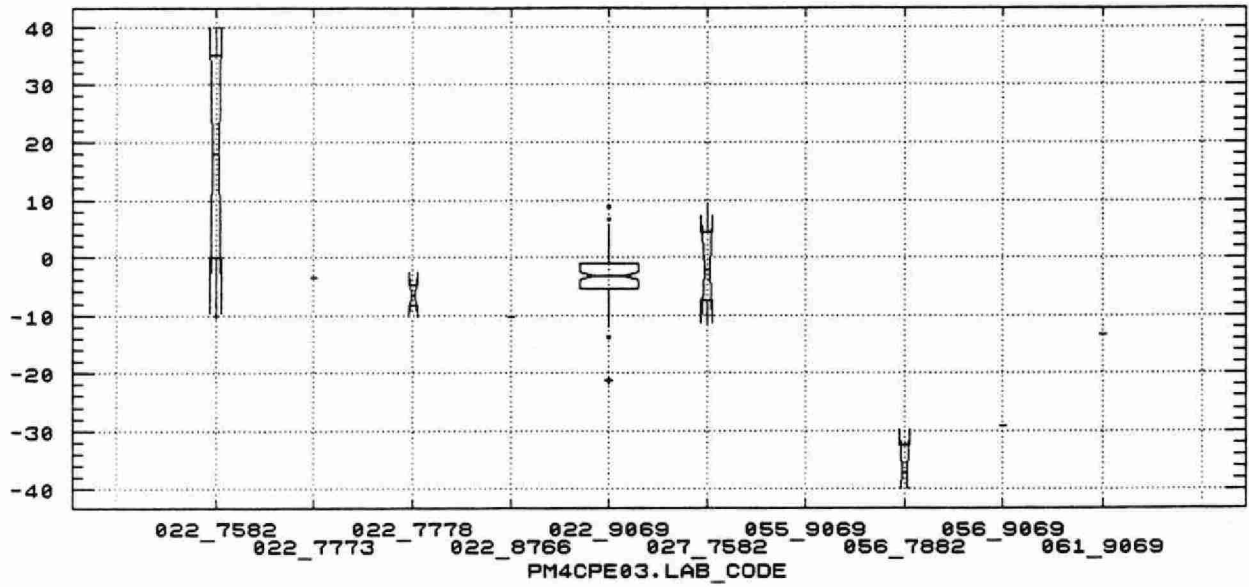
TRAVELLING SPIKED BLANKS

PM4CPE02.DIFF



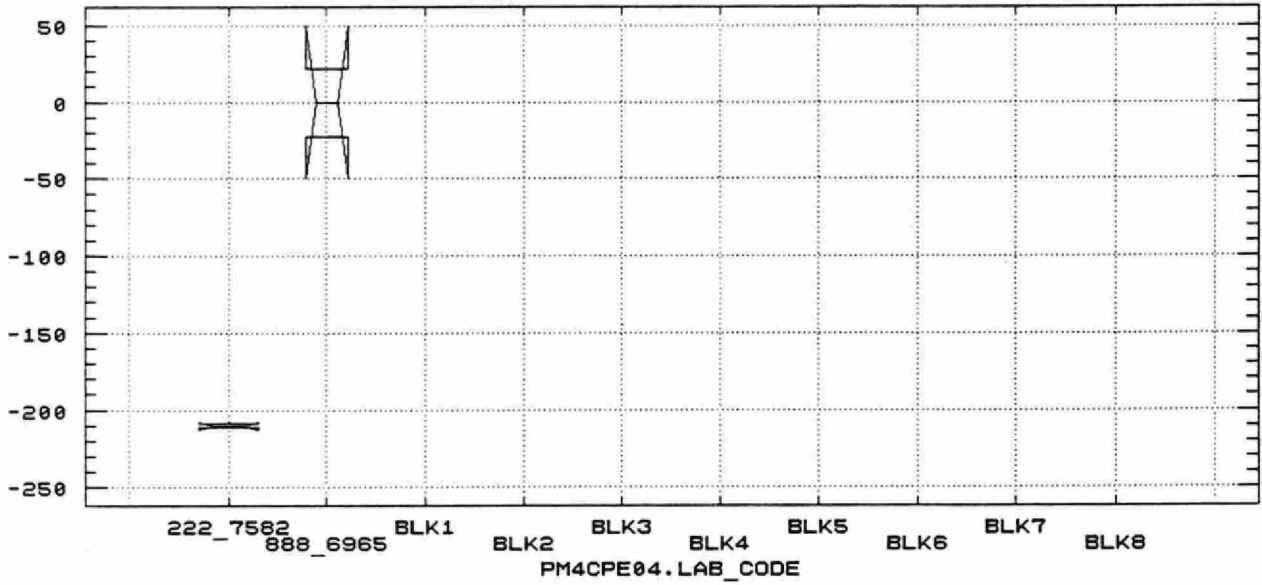
TRAVELLING SPIKED BLANKS

PM4CPE03.DIFF



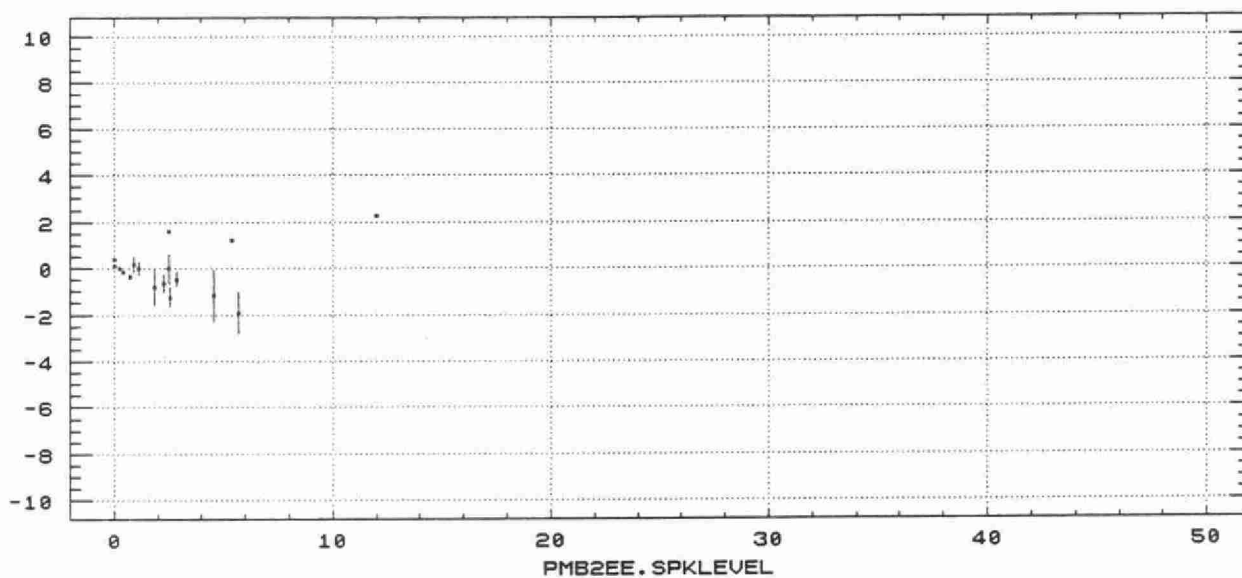
TRAVELLING SPIKED BLANKS

PM4CPE04.DIFF



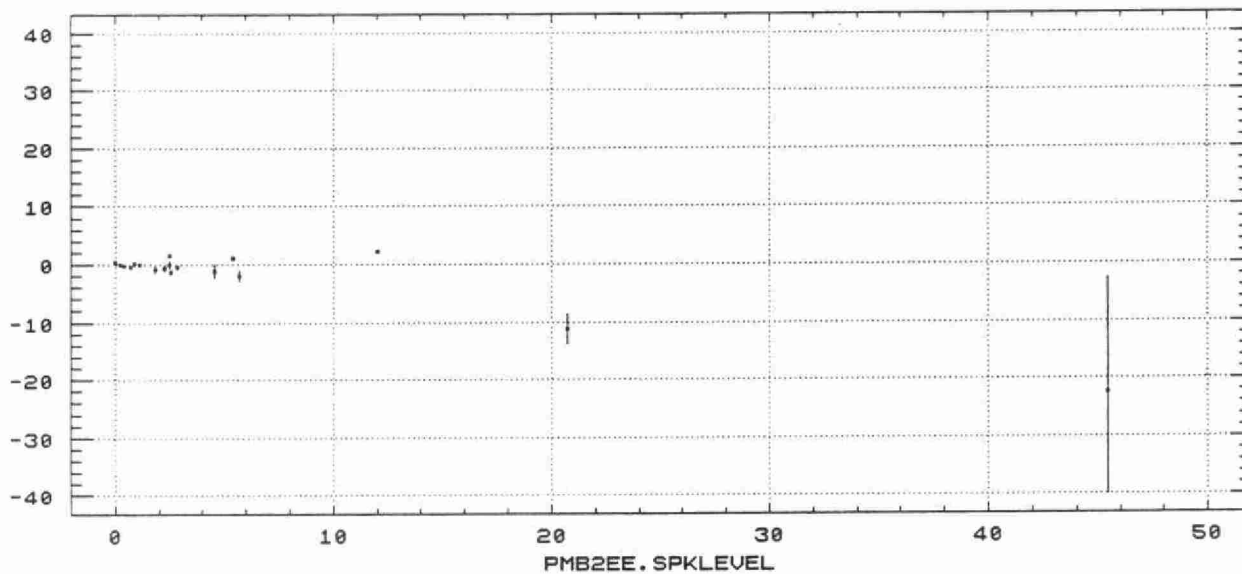
TRAVELLING SPIKED BLANKS

PMB2EE.AVG



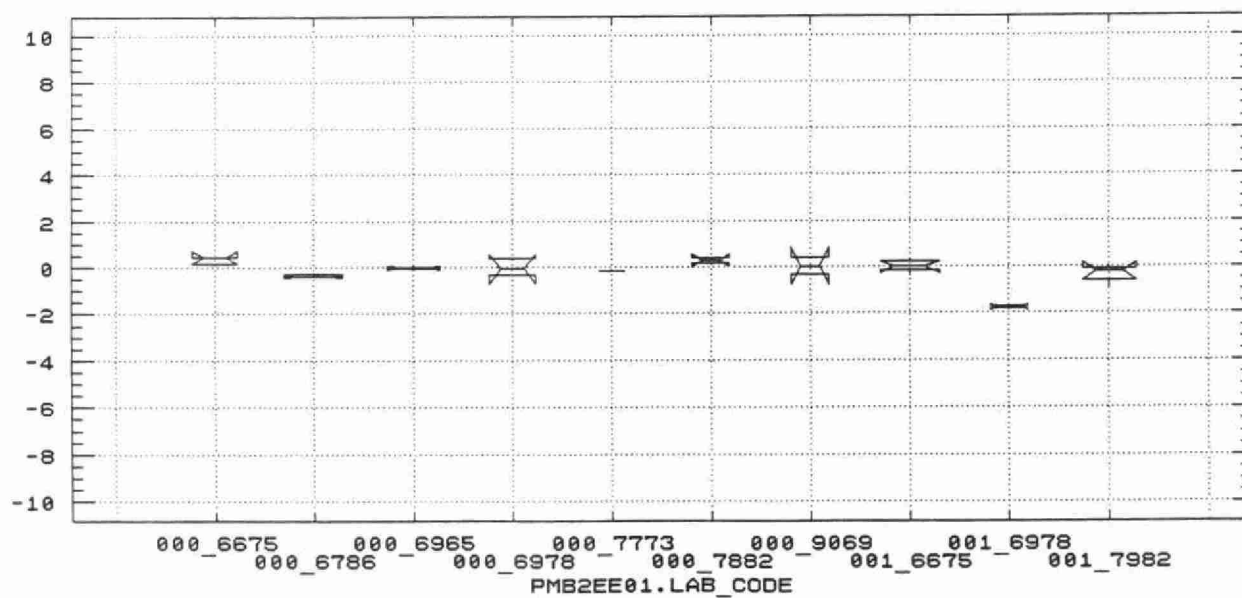
TRAVELLING SPIKED BLANKS

PMB2EE.AVG

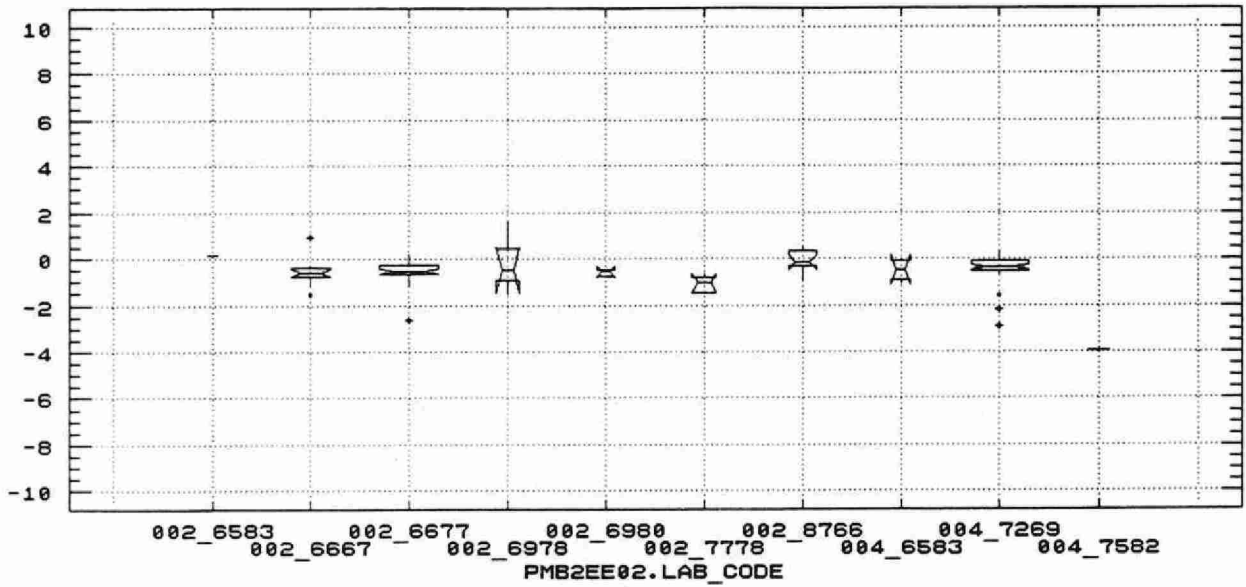


TRAVELLING SPIKED BLANKS

PMB2EE01.DIFF

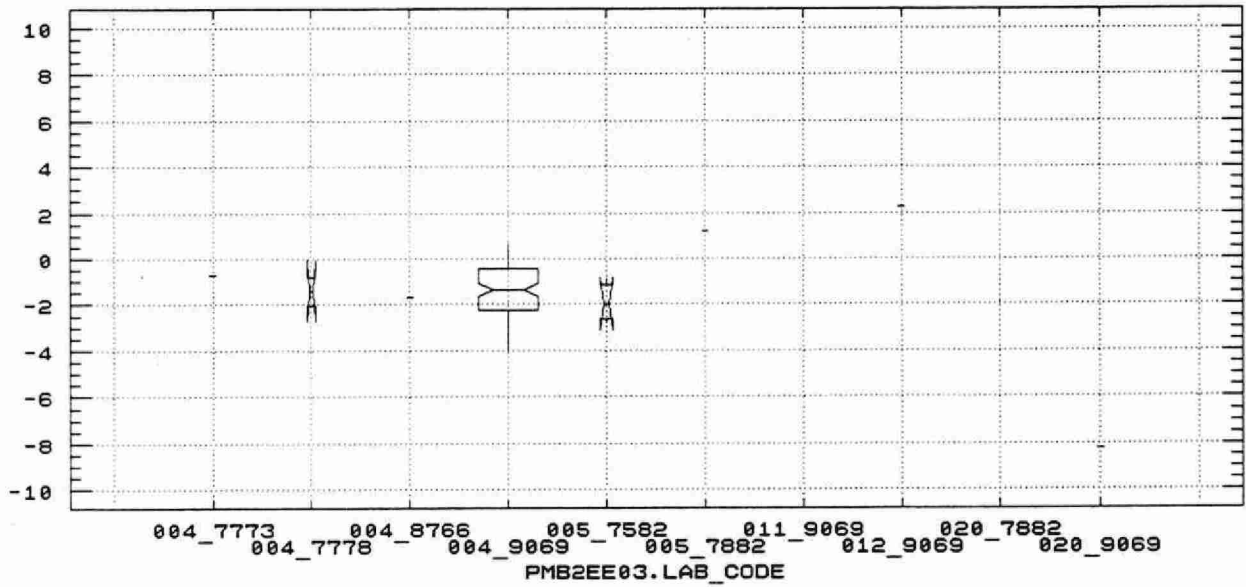


PMB2EE02.DIFF



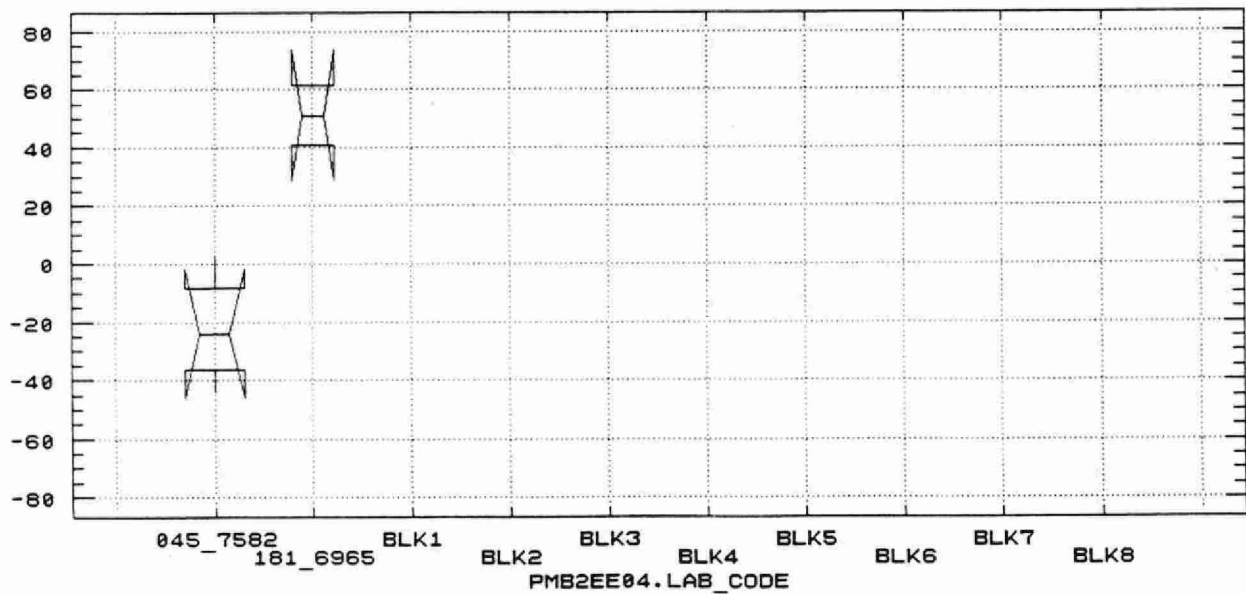
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PMB2EE03.DIFF



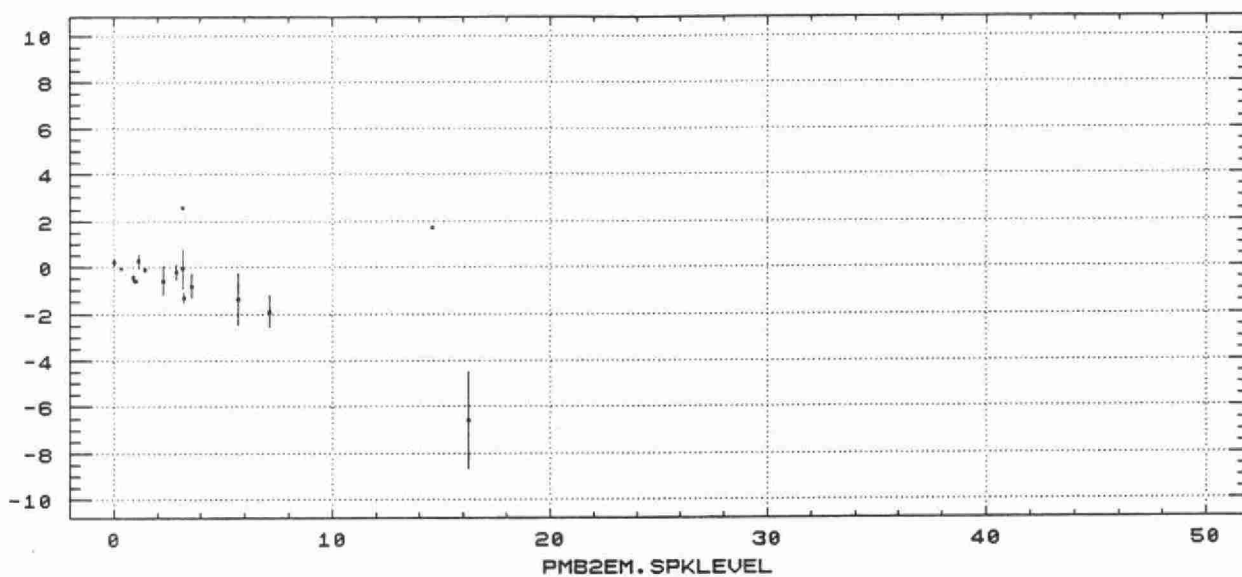
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PMB2EE04.DIFF



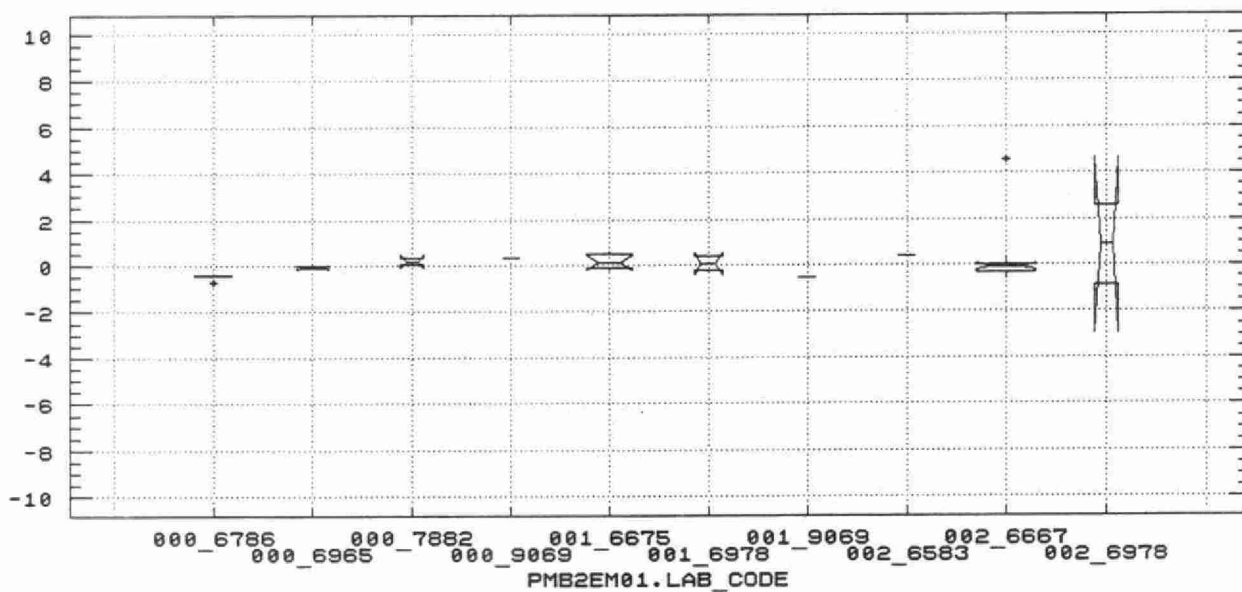
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PMB2EM.AUG



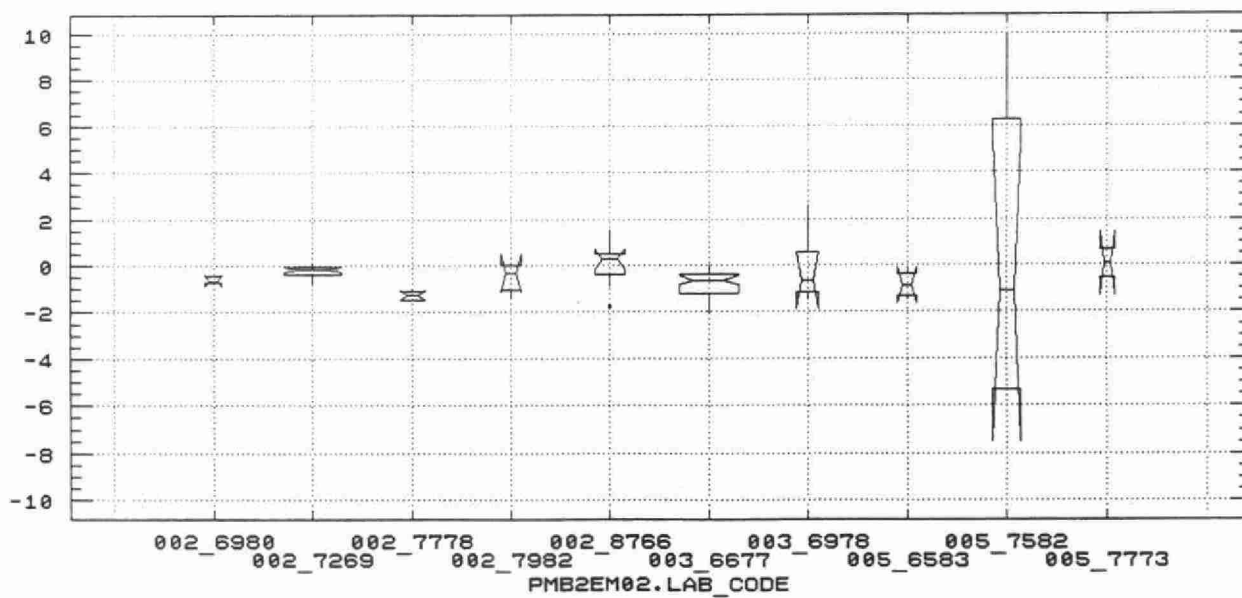
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PMB2EM01.DIFF



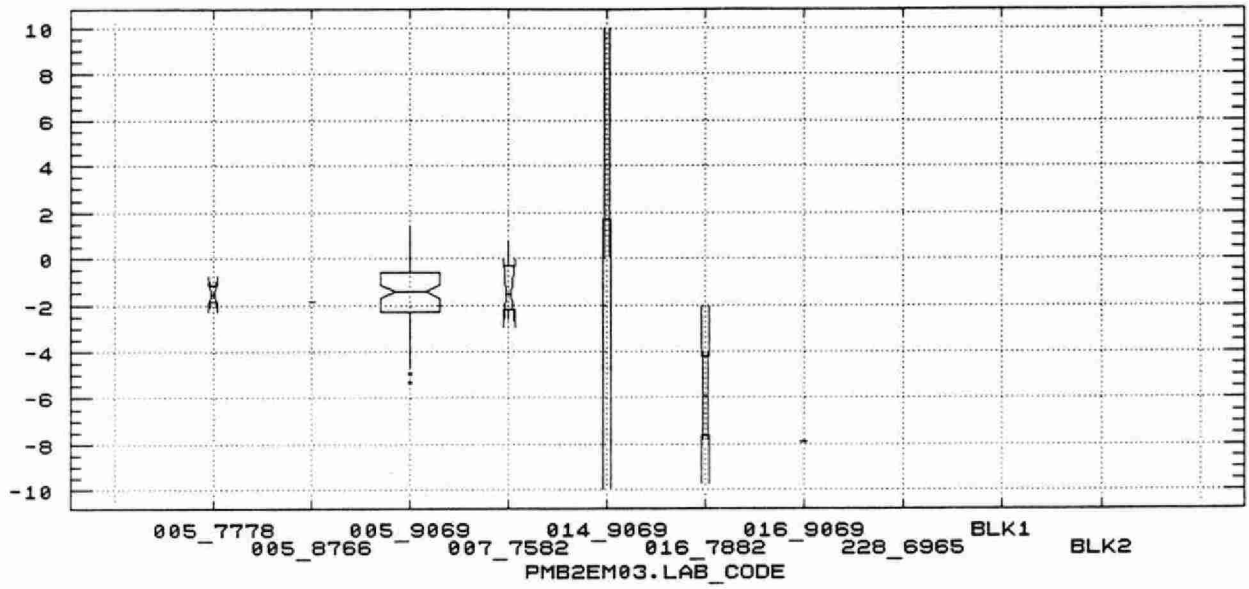
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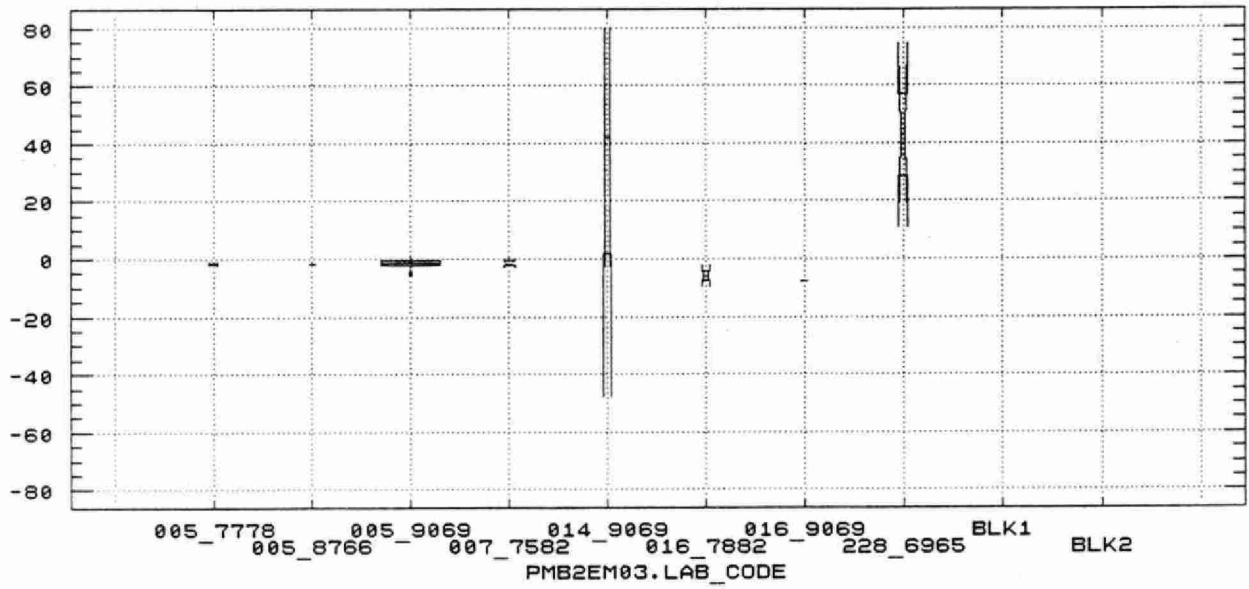
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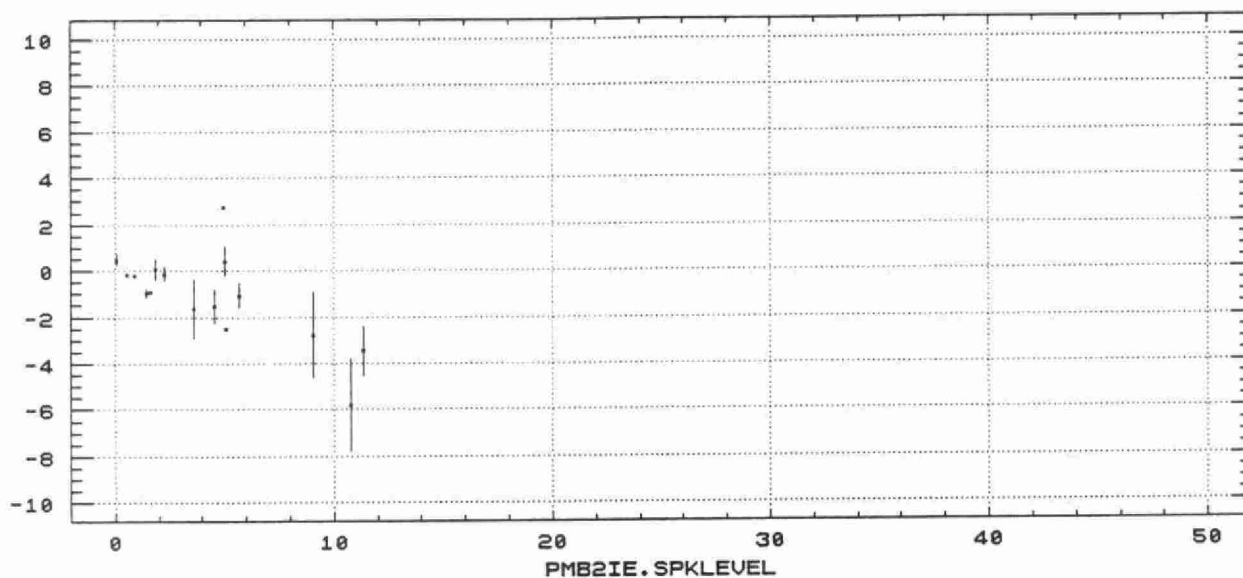
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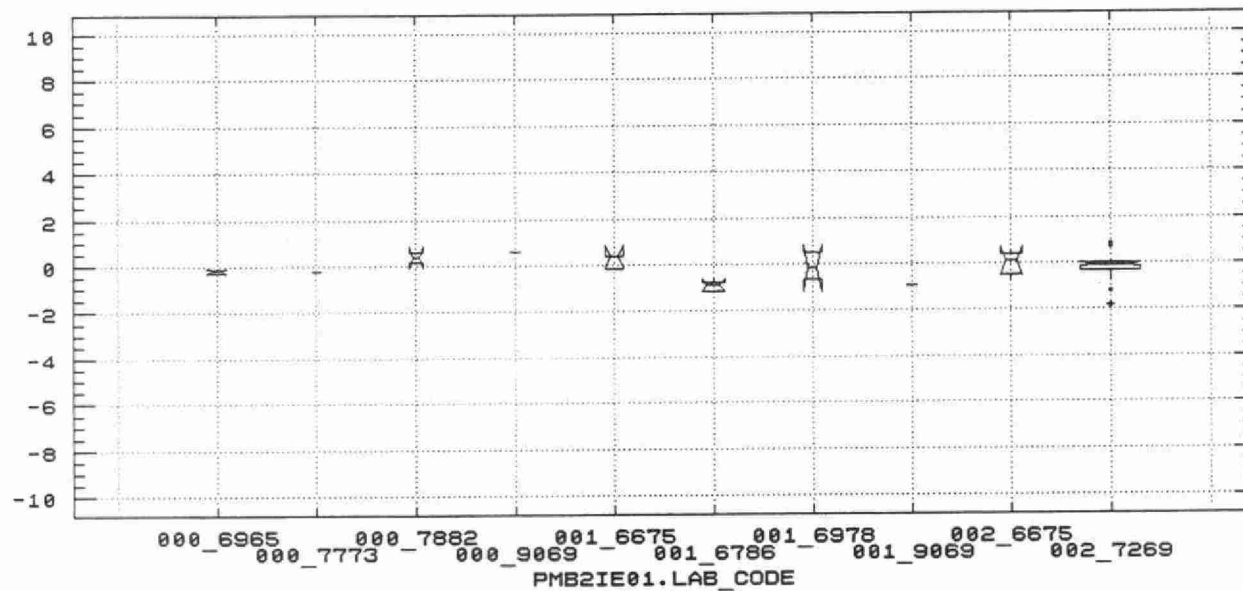
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PMB2IE.AVG



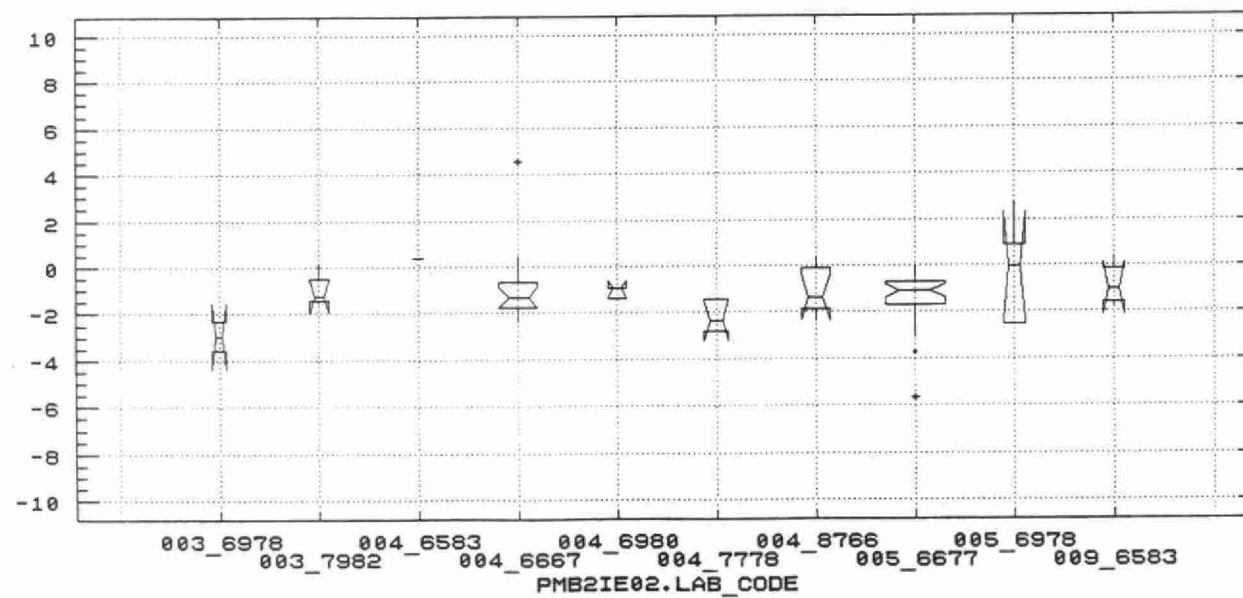
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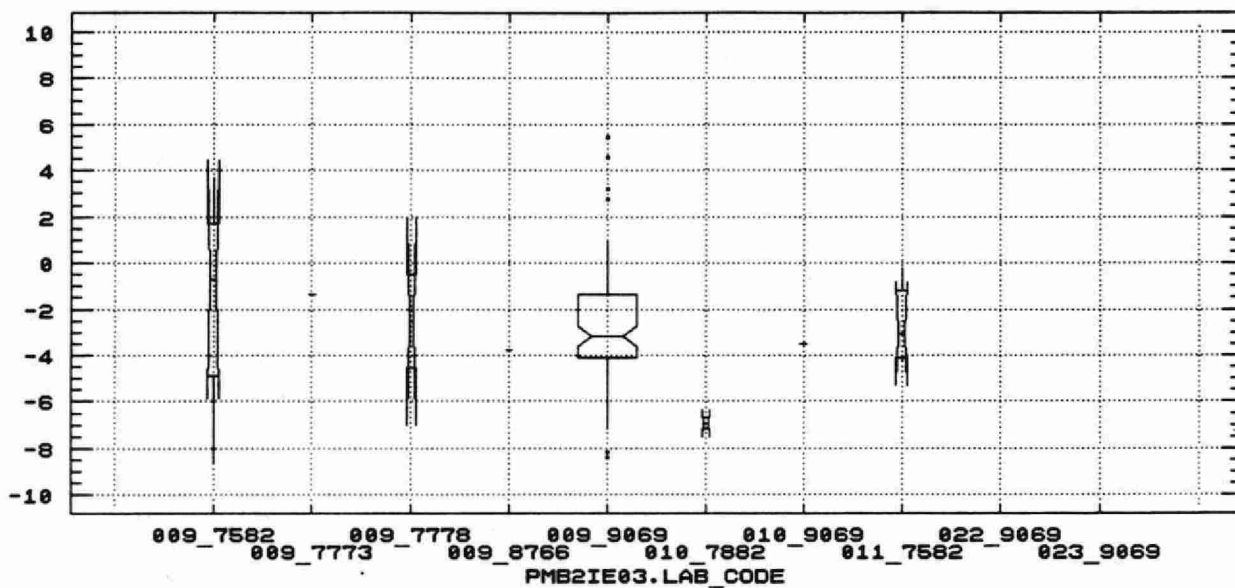
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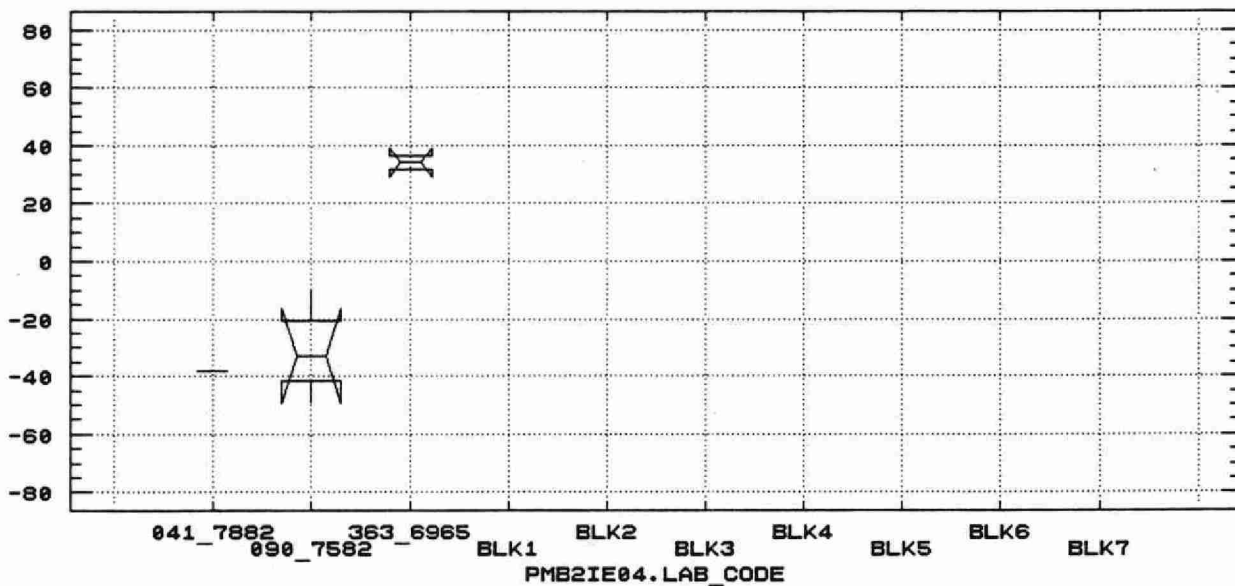
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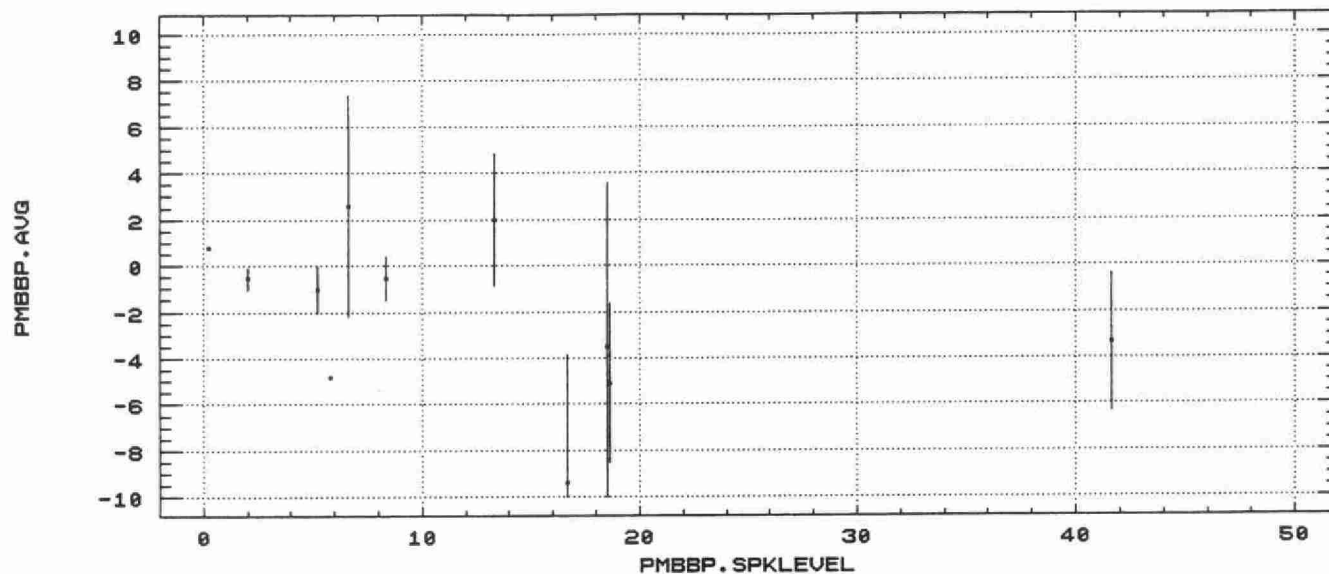


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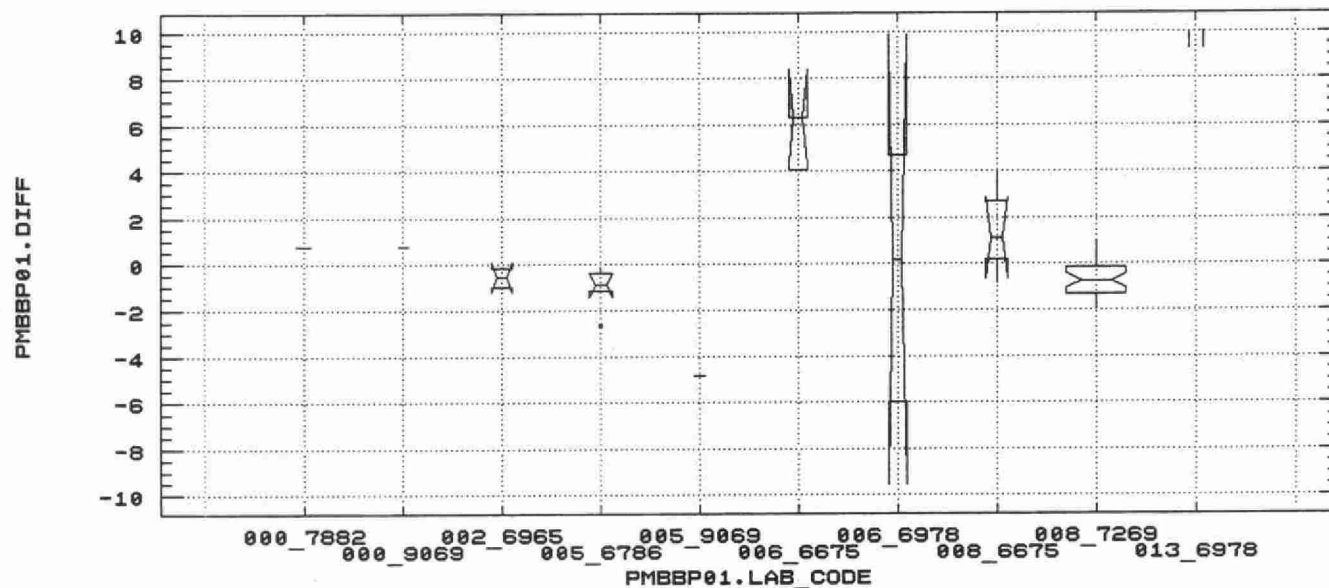
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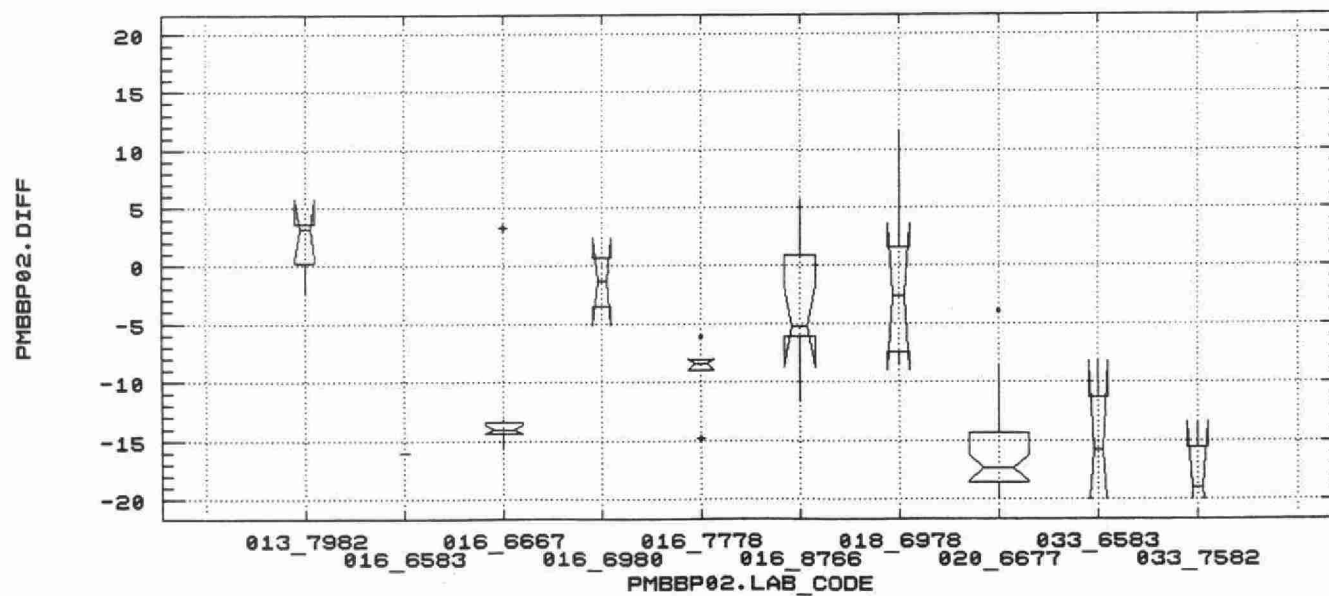
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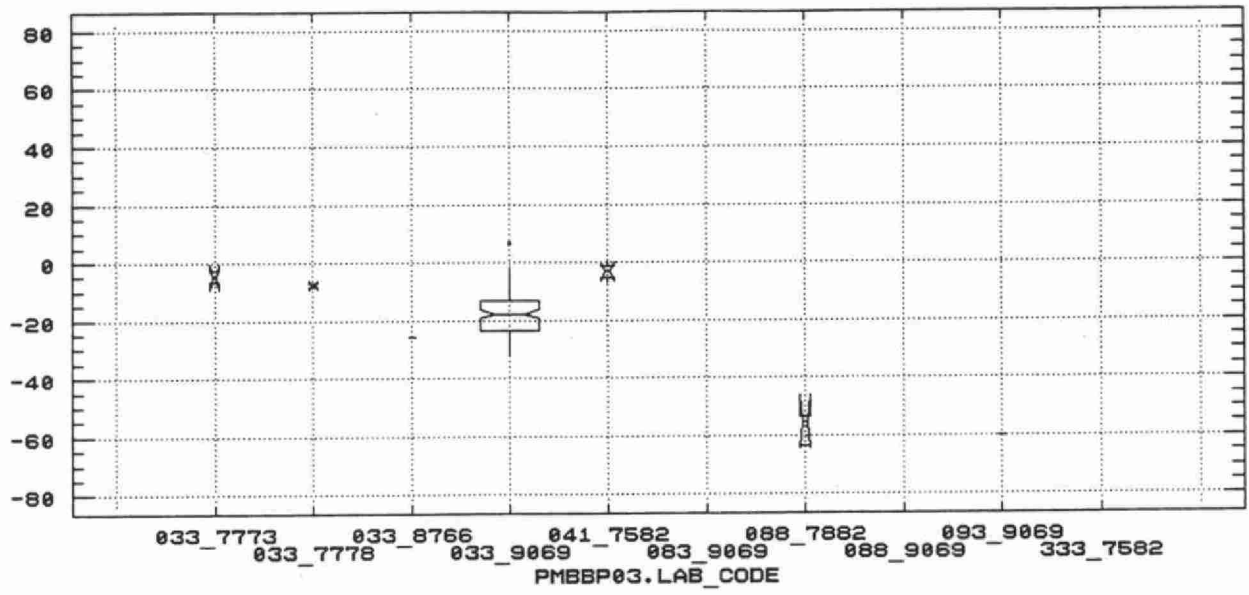
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TRAVELLING SPIKED BLANKS

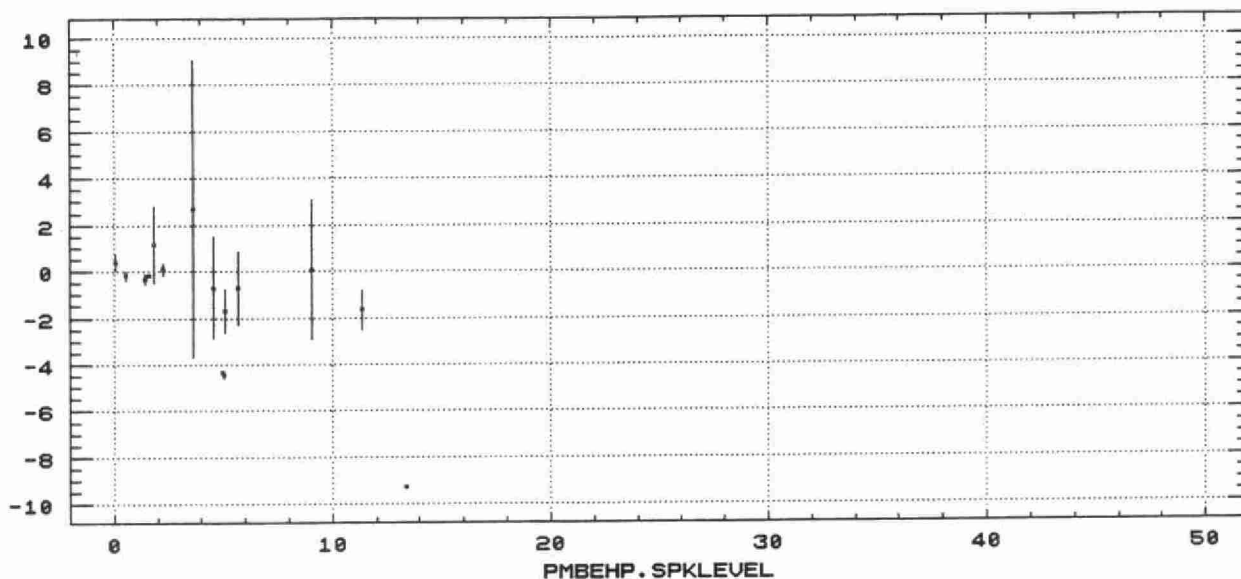


PMBBP03.DIFF



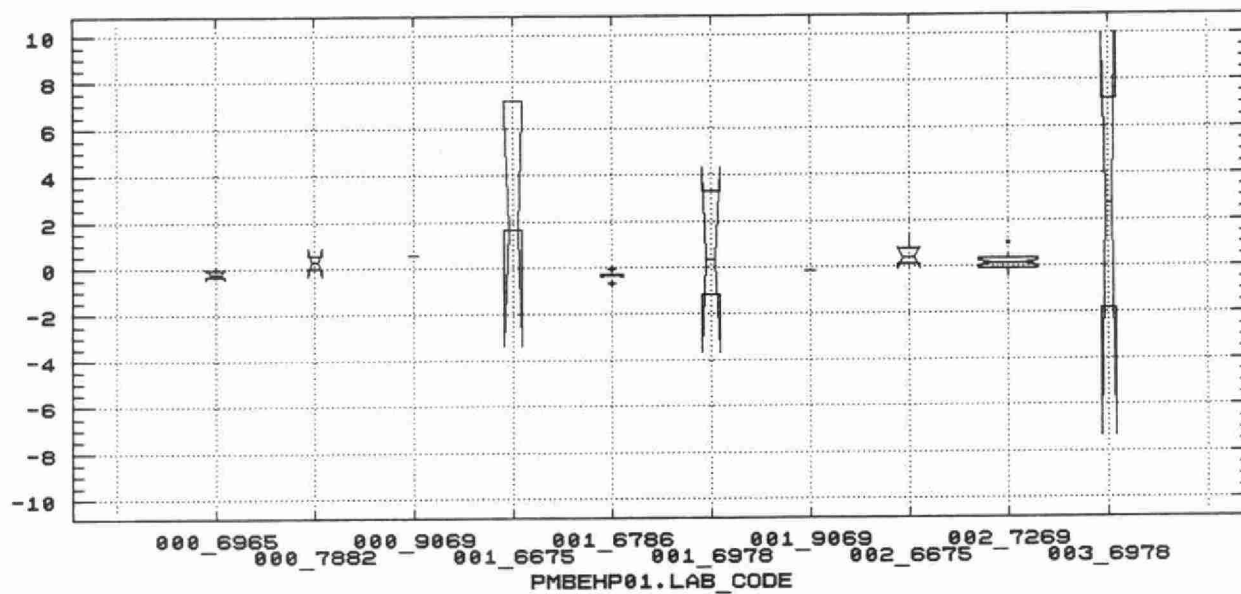
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PMBEHP.AVG



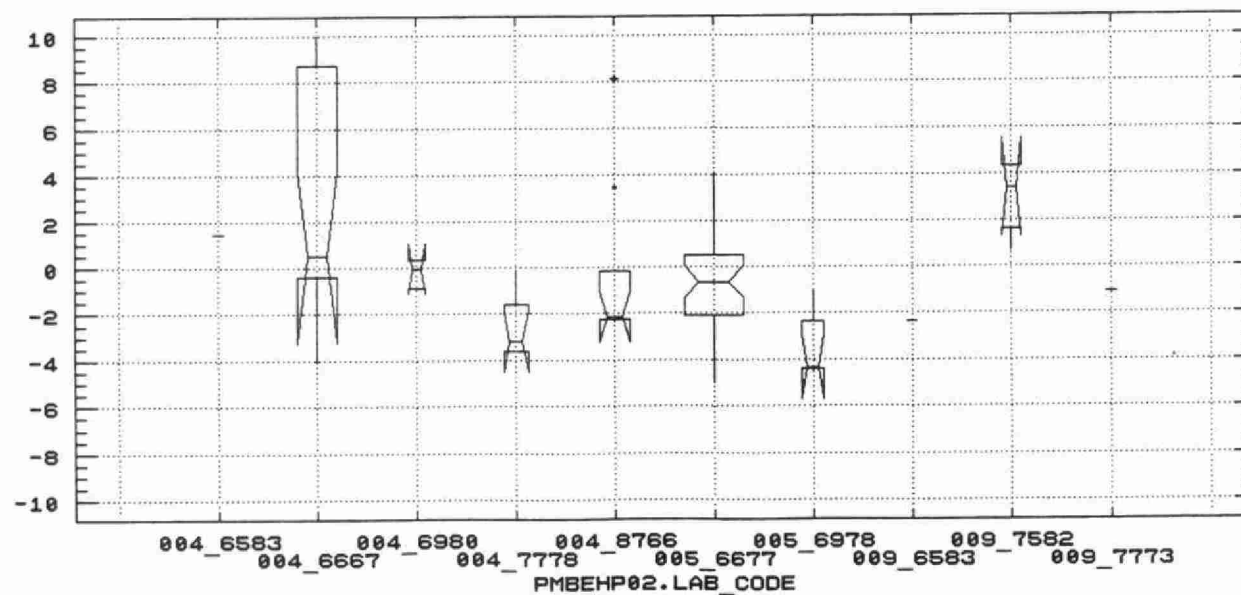
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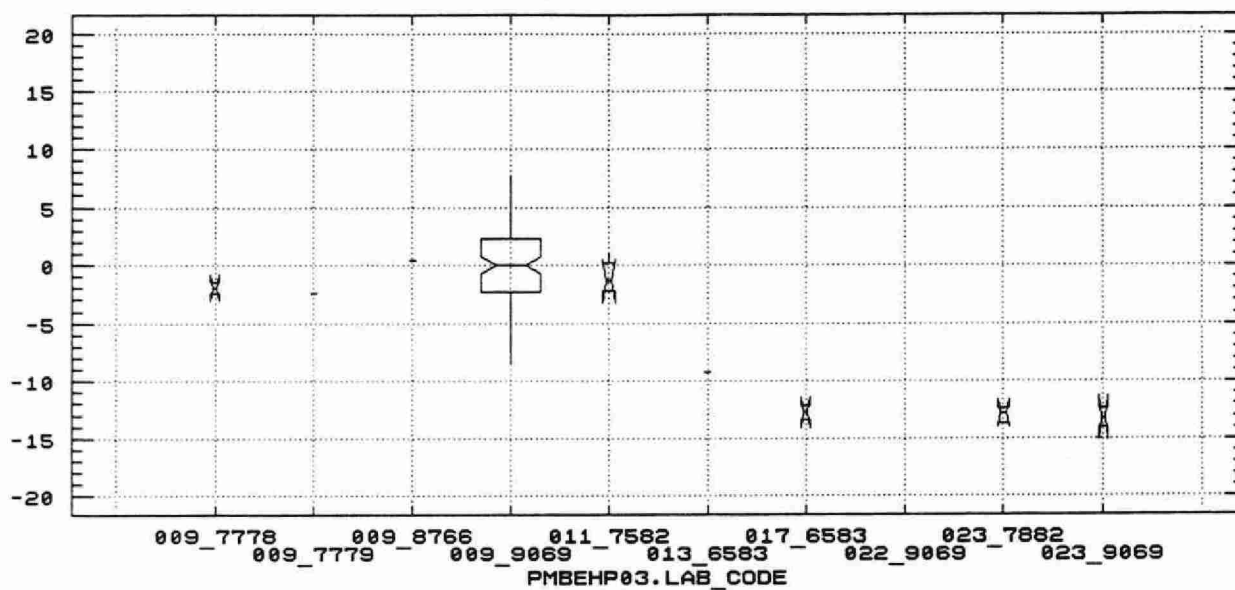
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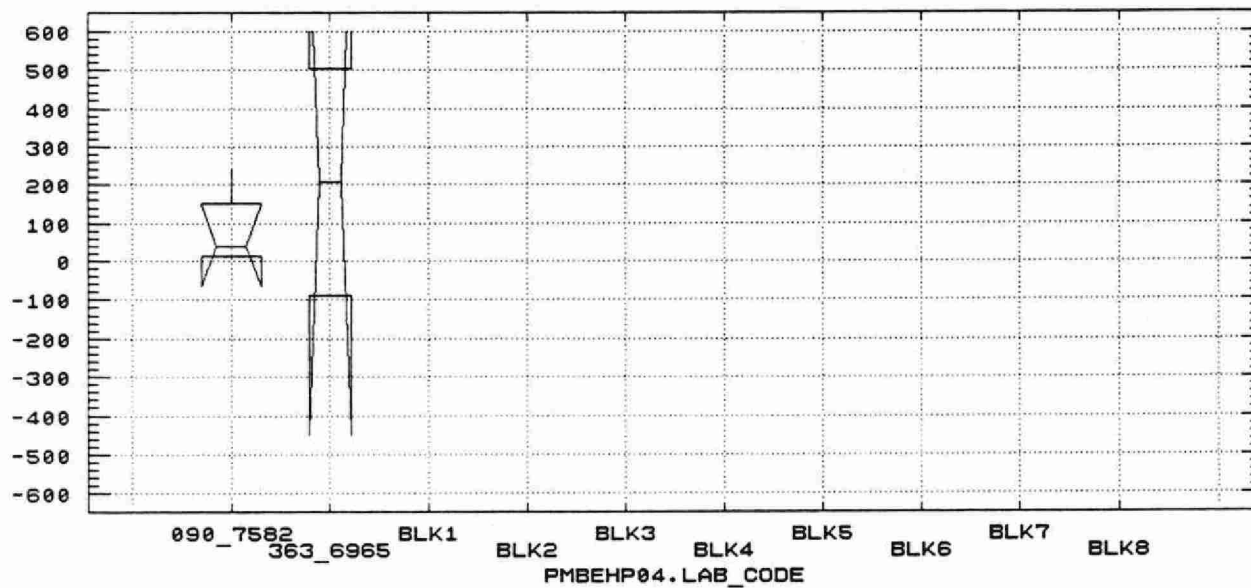
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PMBEHP03.DIFF



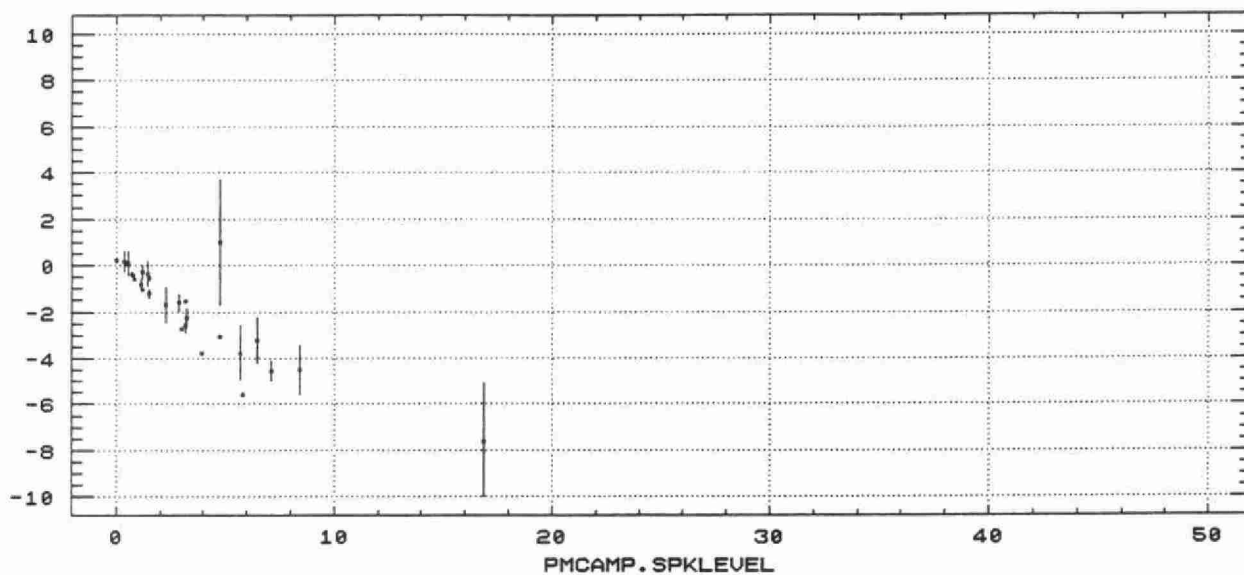
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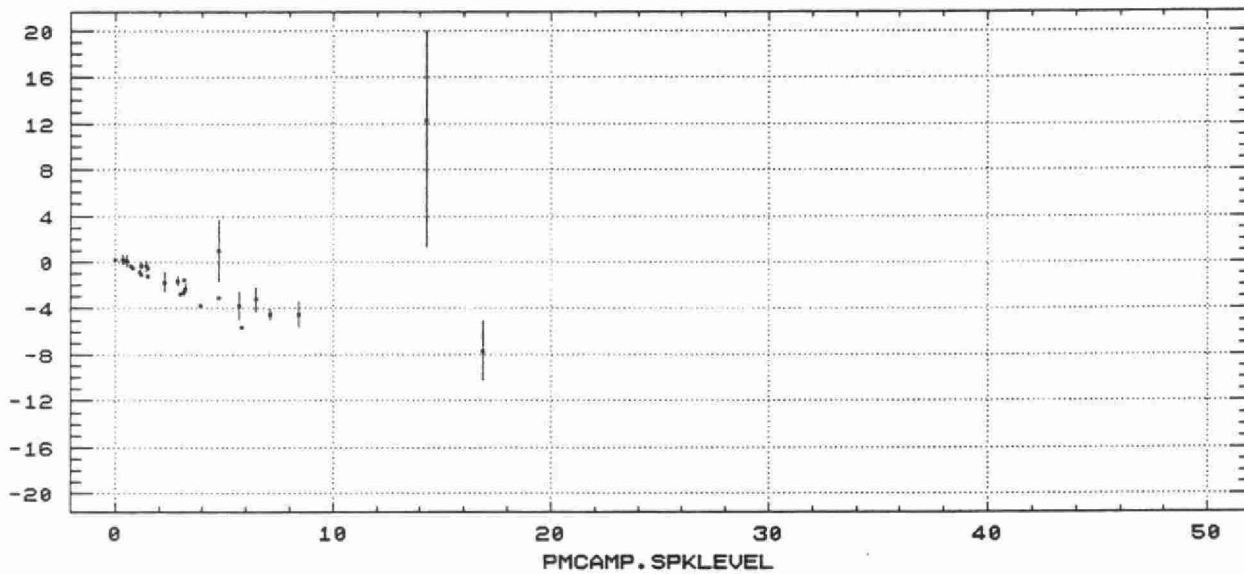
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PMCAMP.AVG



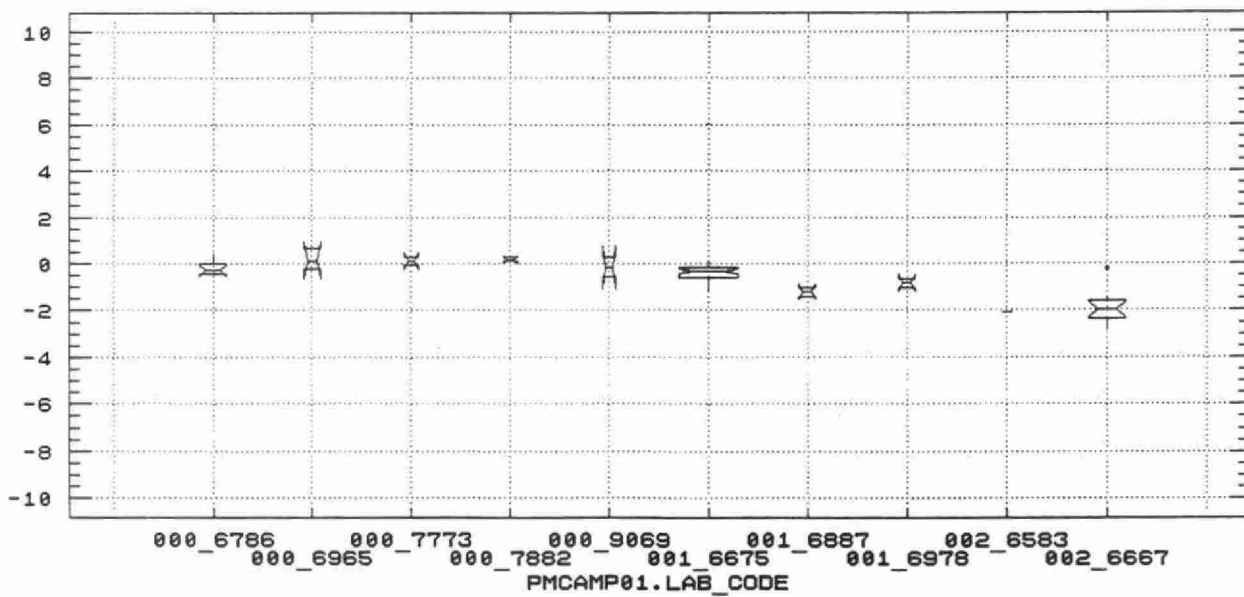
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PMCAMP.AVG



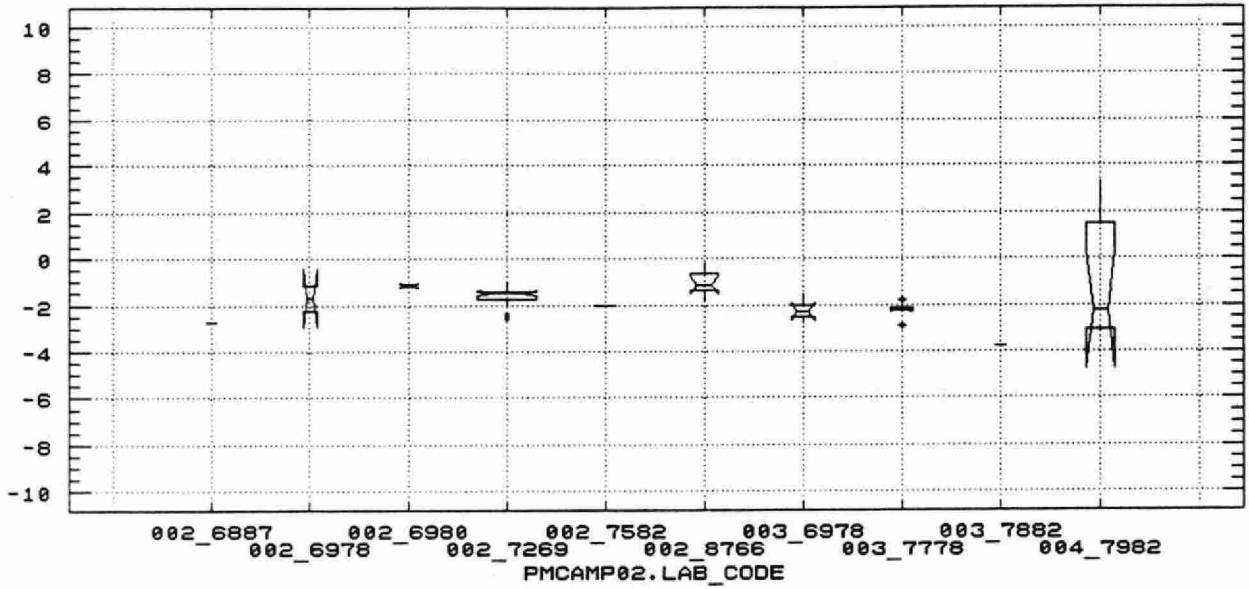
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PMCAMP01.DIFF



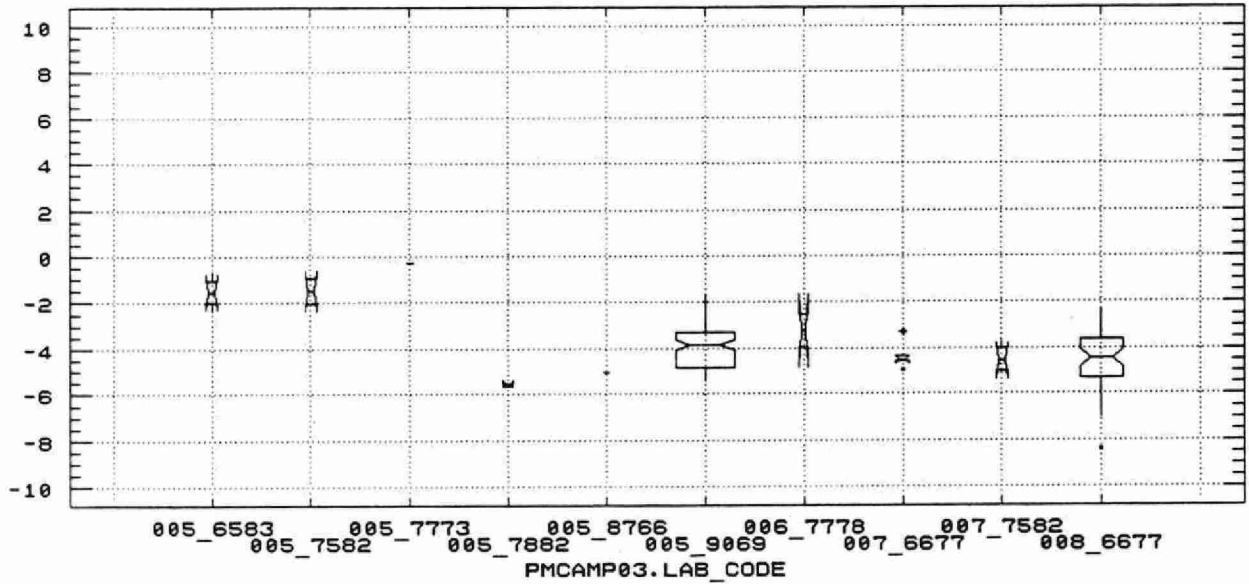
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PM CAMP02.DIFF



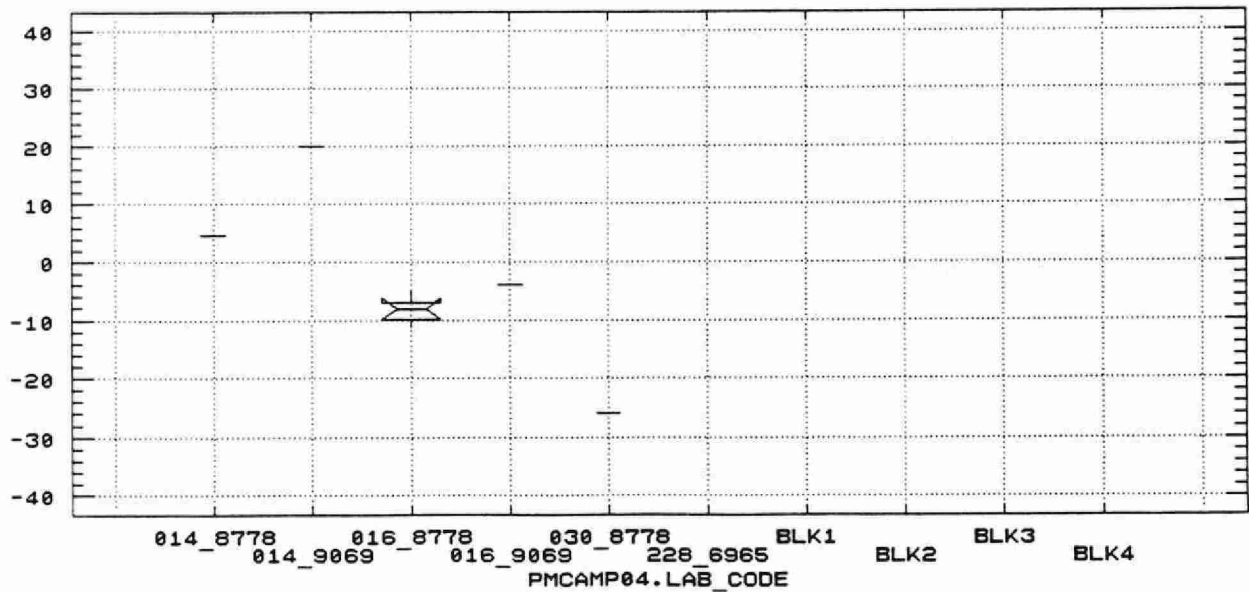
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PM CAMP03.DIFF

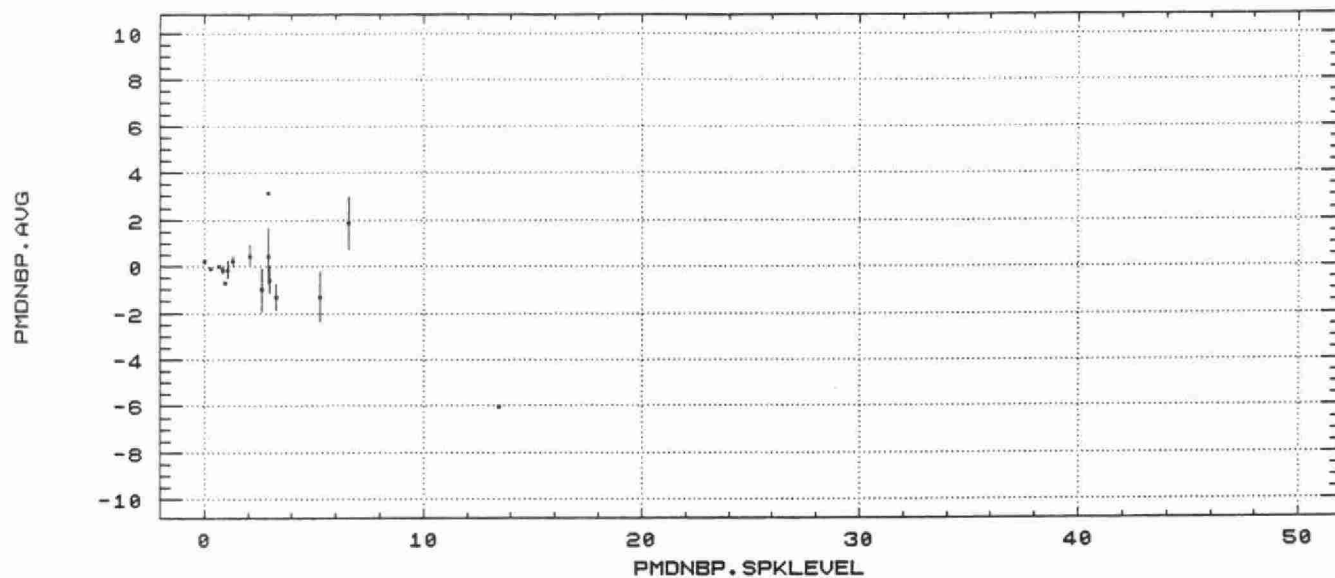


TRAVELLING SPIKED BLANKS

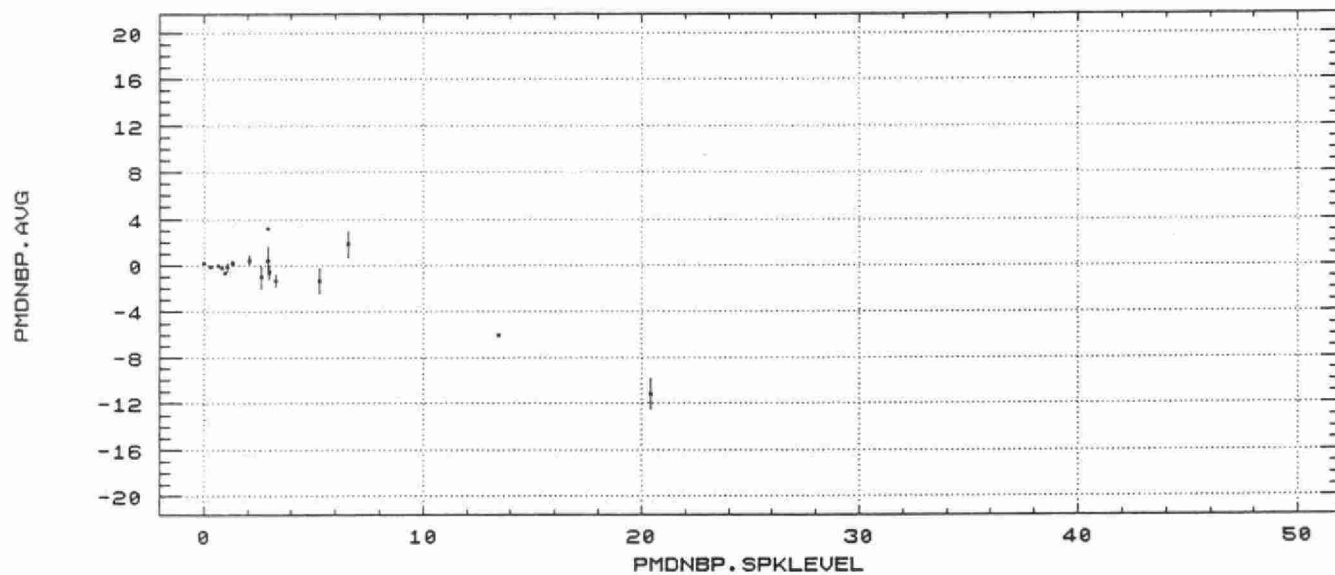
PM CAMP04.DIFF



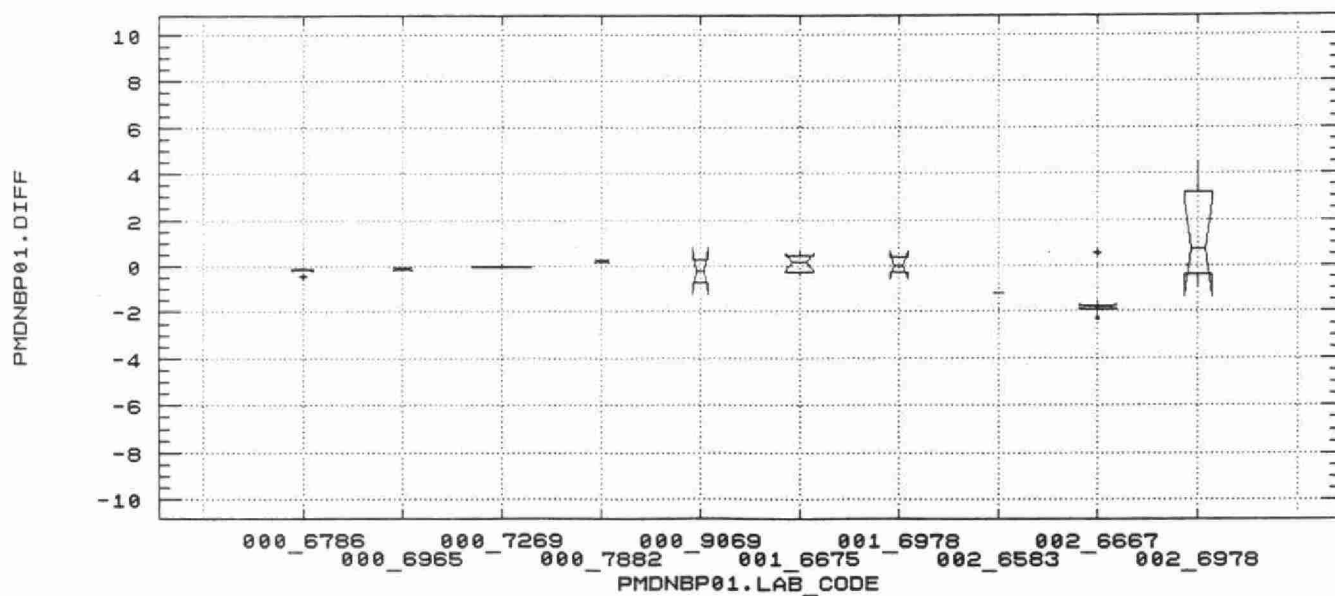
TRAVELLING SPIKED BLANKS



TRAVELLING SPIKED BLANKS

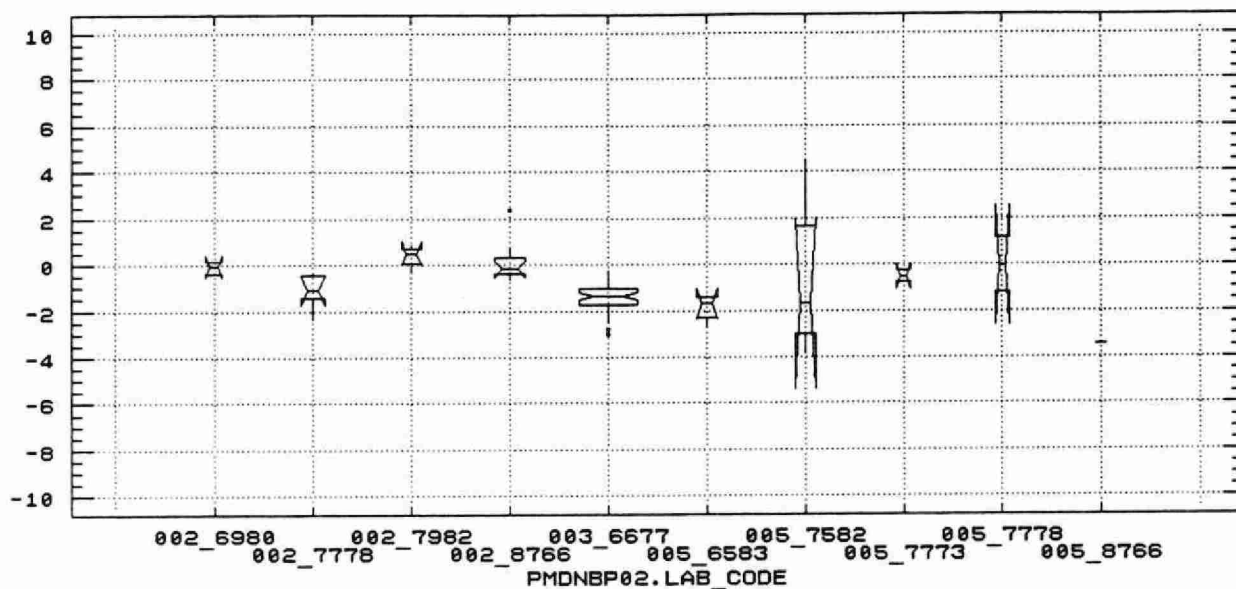


TRAVELLING SPIKED BLANKS



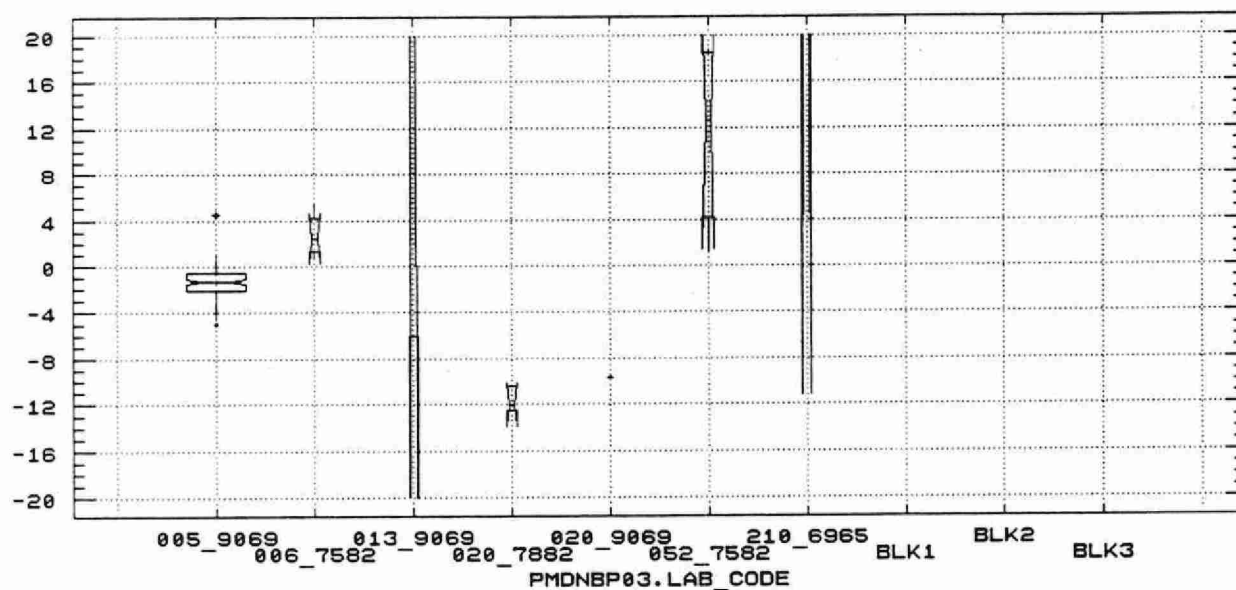
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PMDNBP02.DIFF



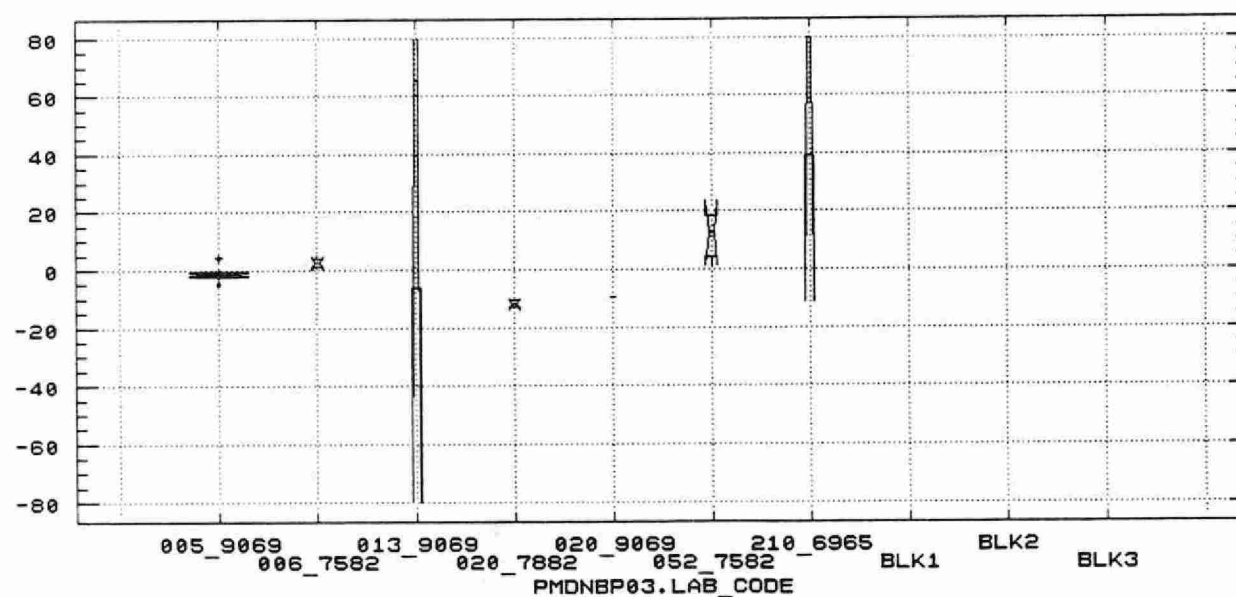
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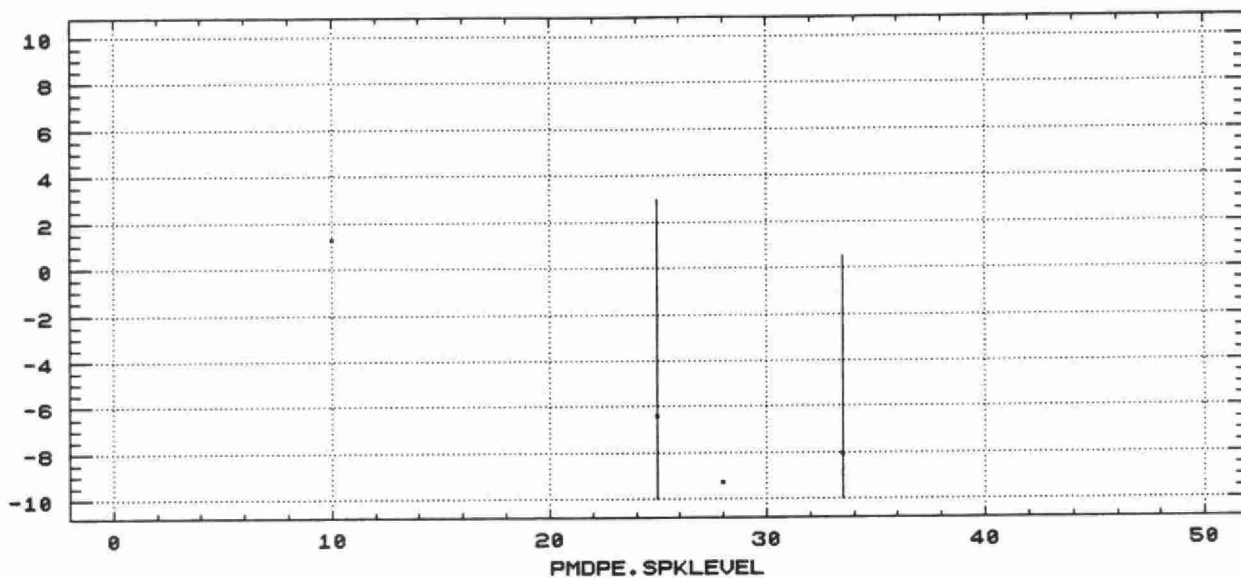
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PMDNBP03.DIFF



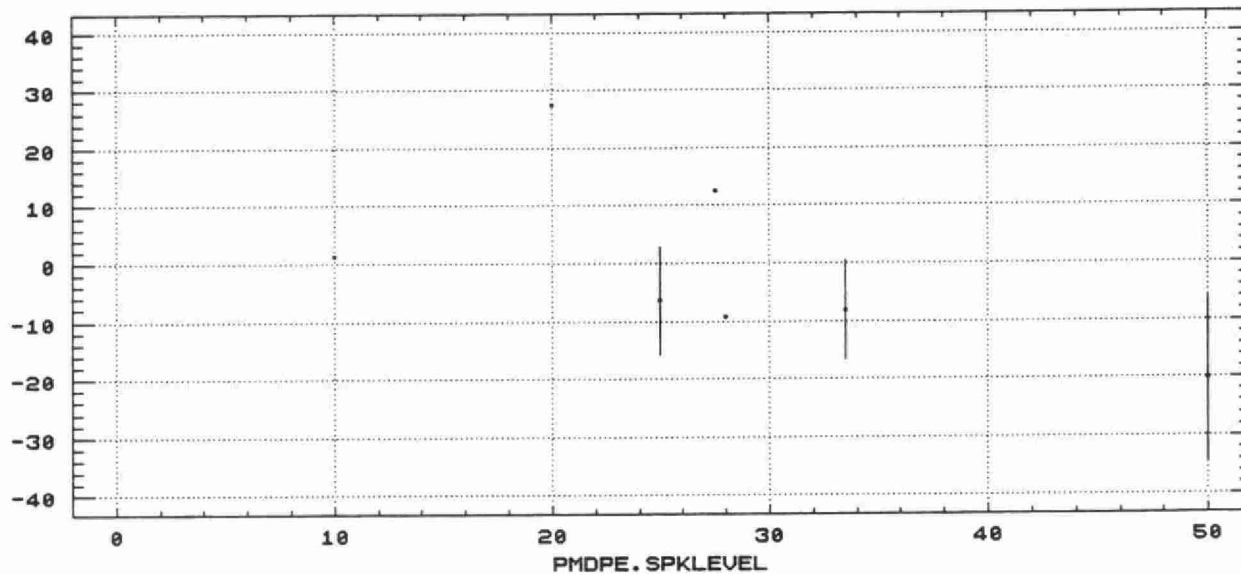
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PMDPE.AVG



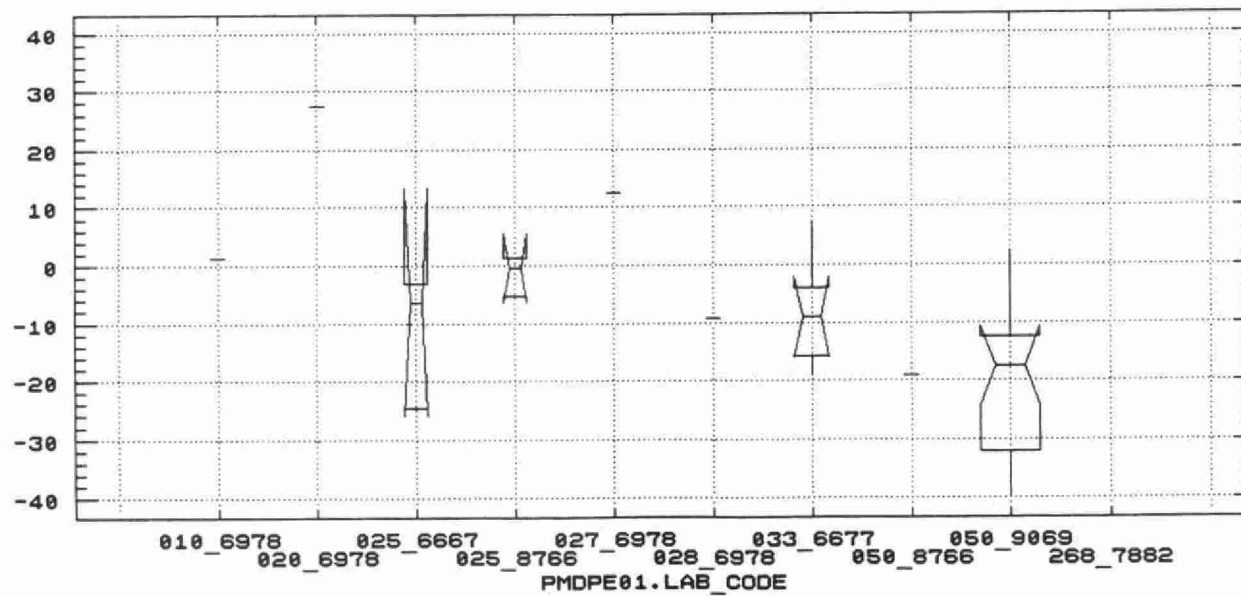
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PMDPE.AVG



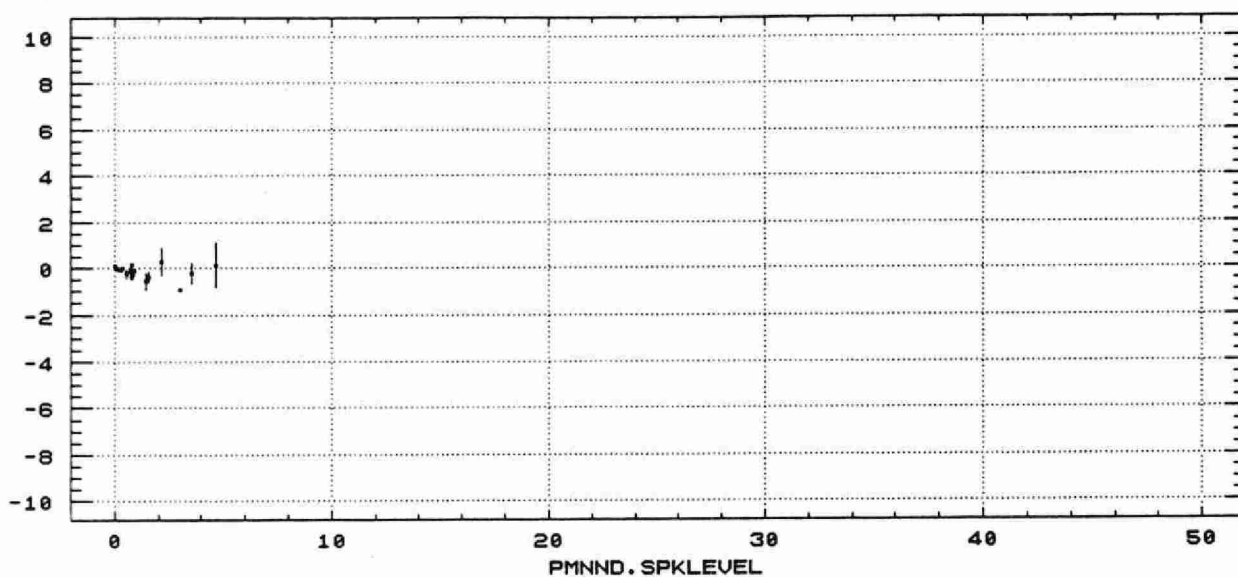
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PMDPE01.DIFF



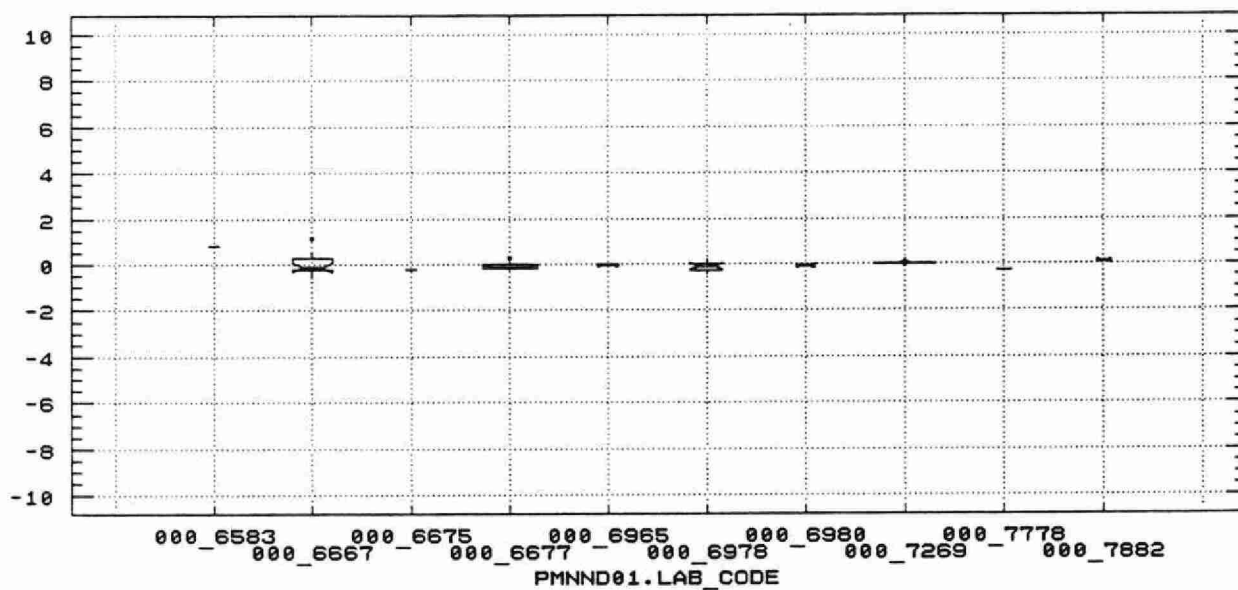
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PMNND.AVG



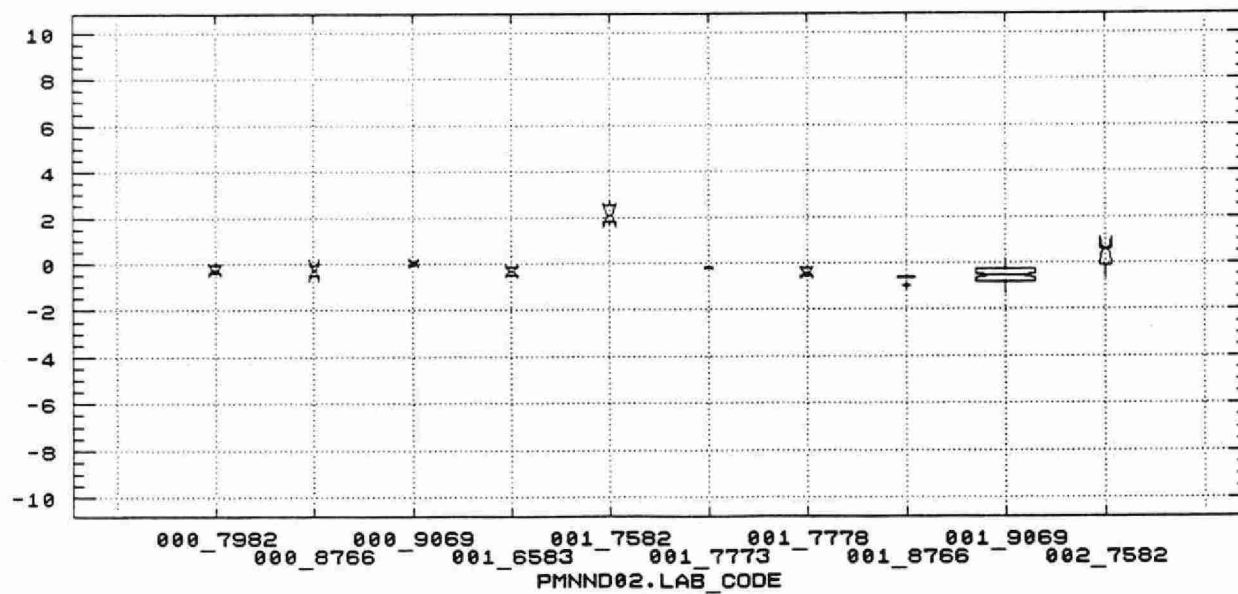
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PMNND01.DIFF



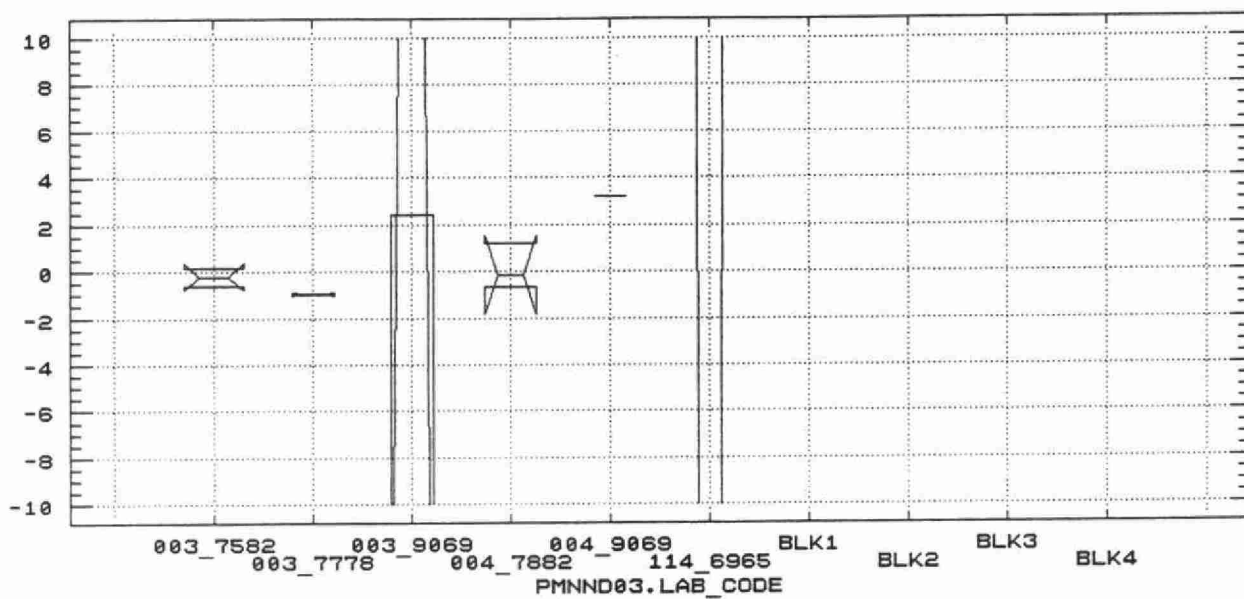
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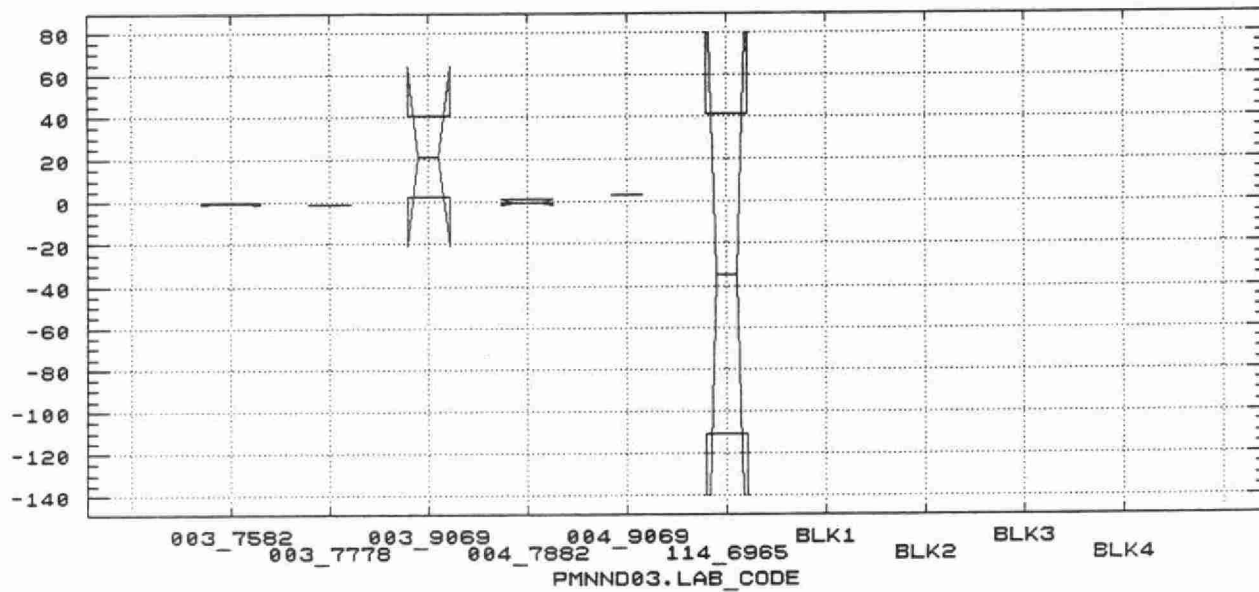
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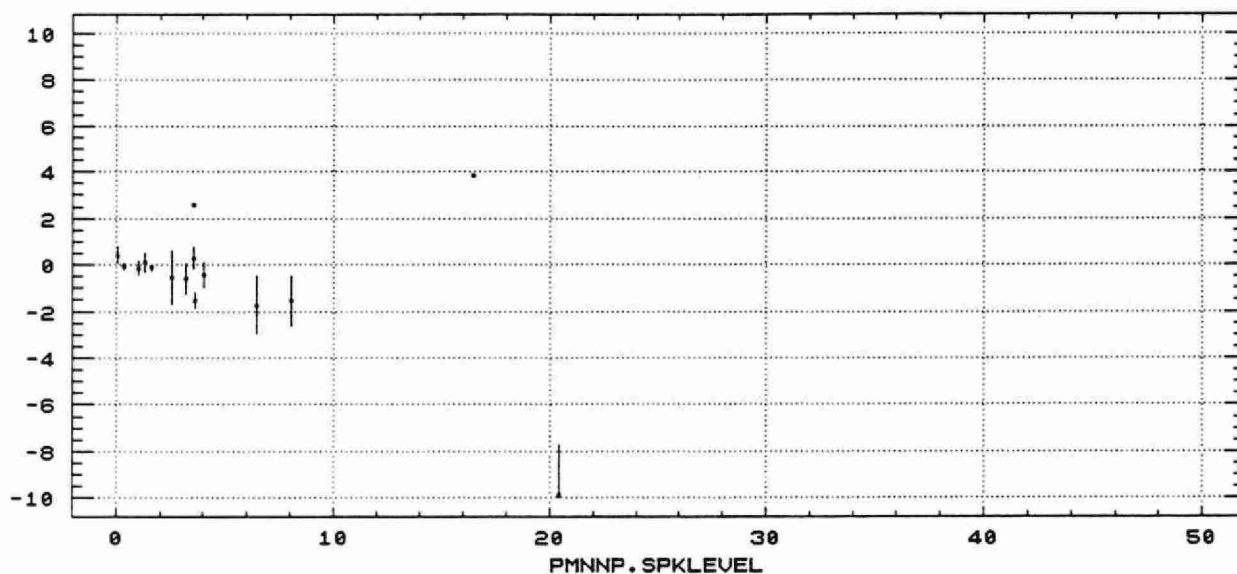


TRAVELLING SPIKED BLANKS

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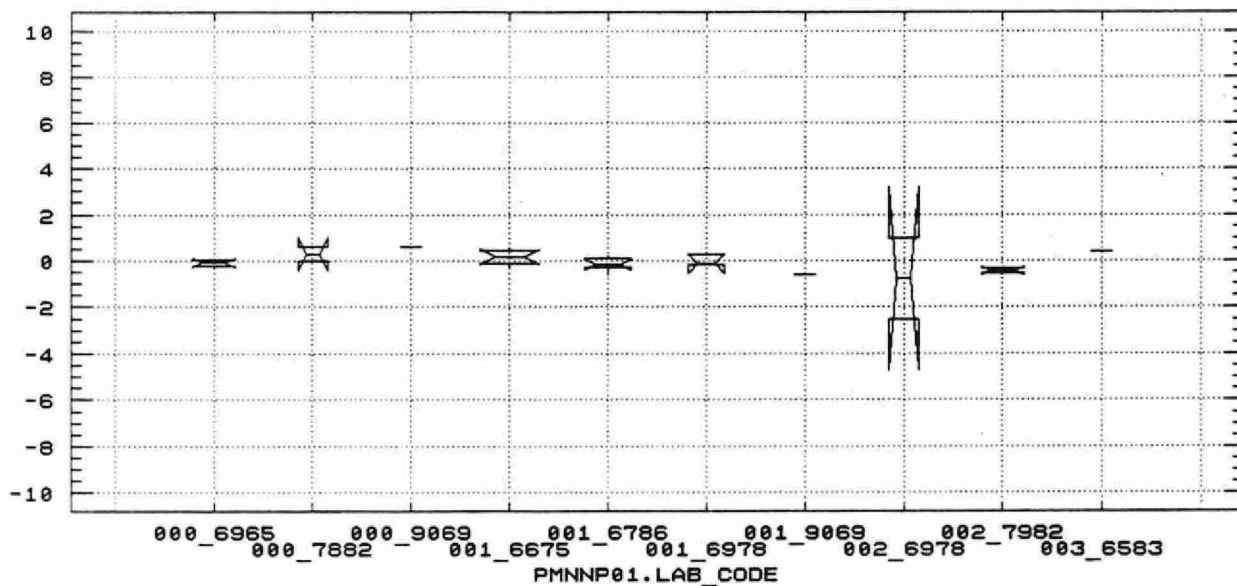


PMNNP.AVG



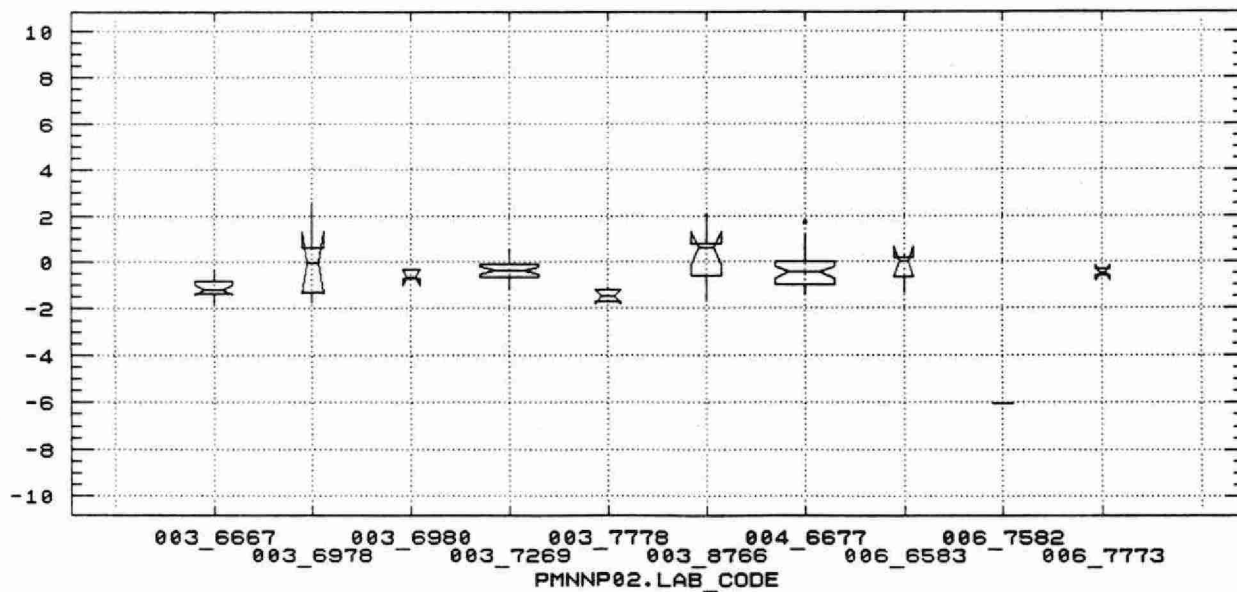
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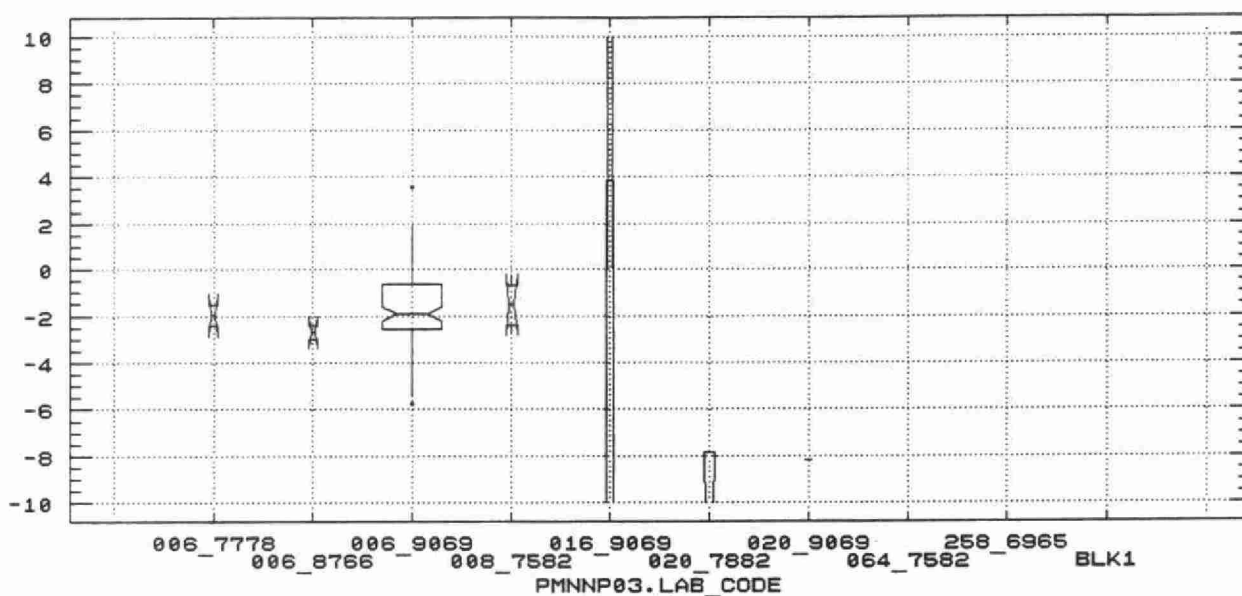
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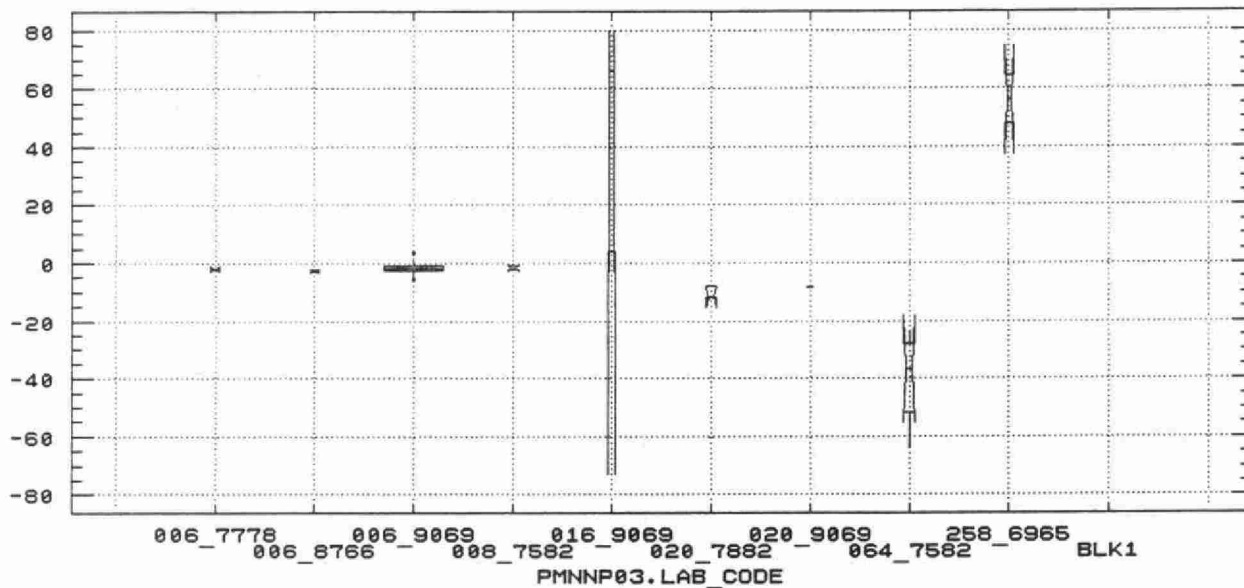
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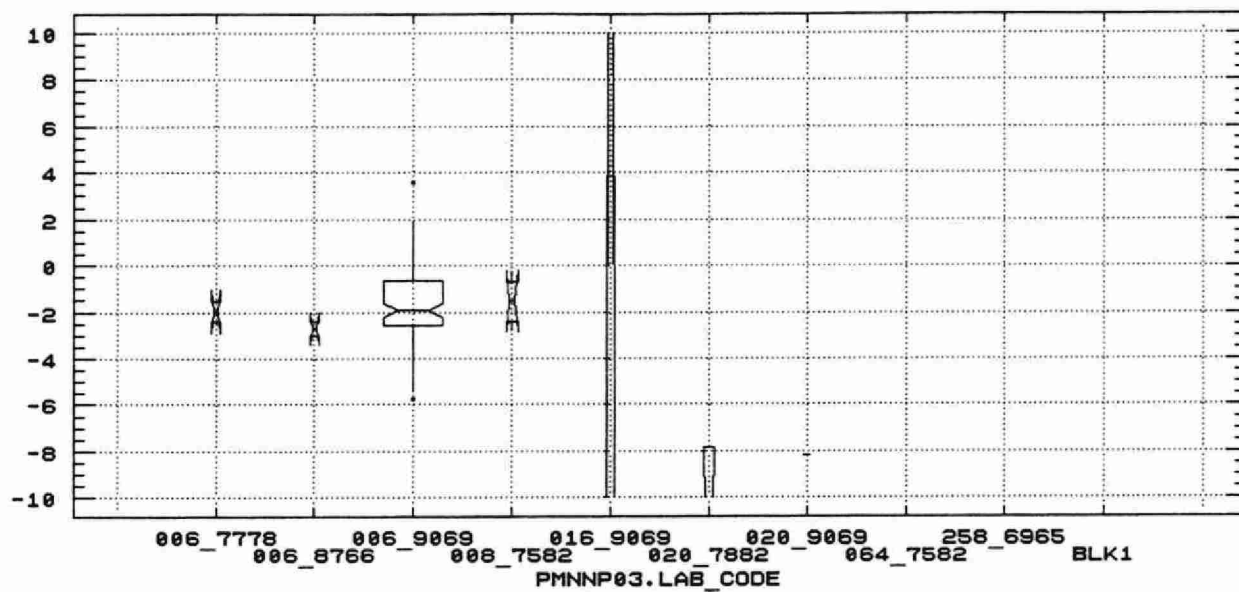
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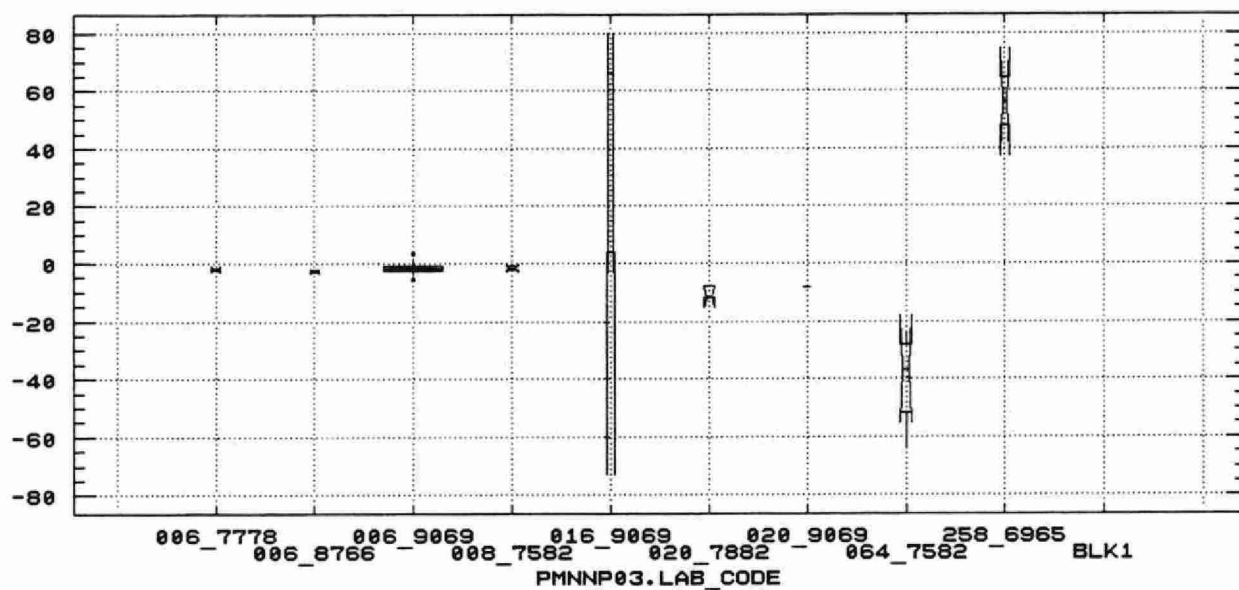
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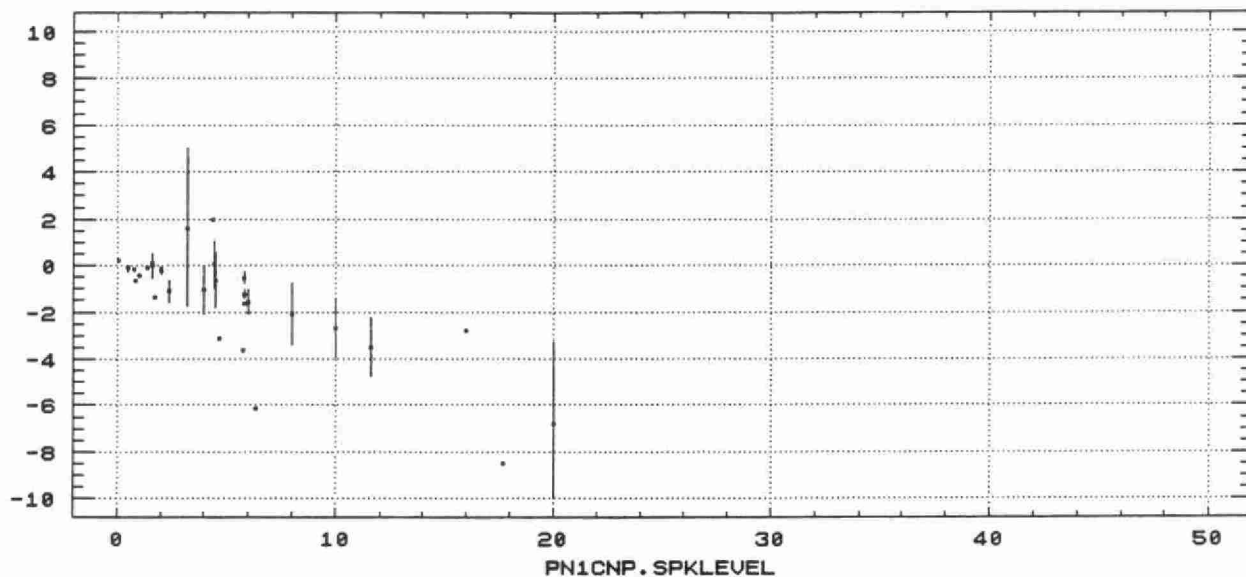


TRAVELLING SPIKED BLANKS

PMNNP03.DIFF

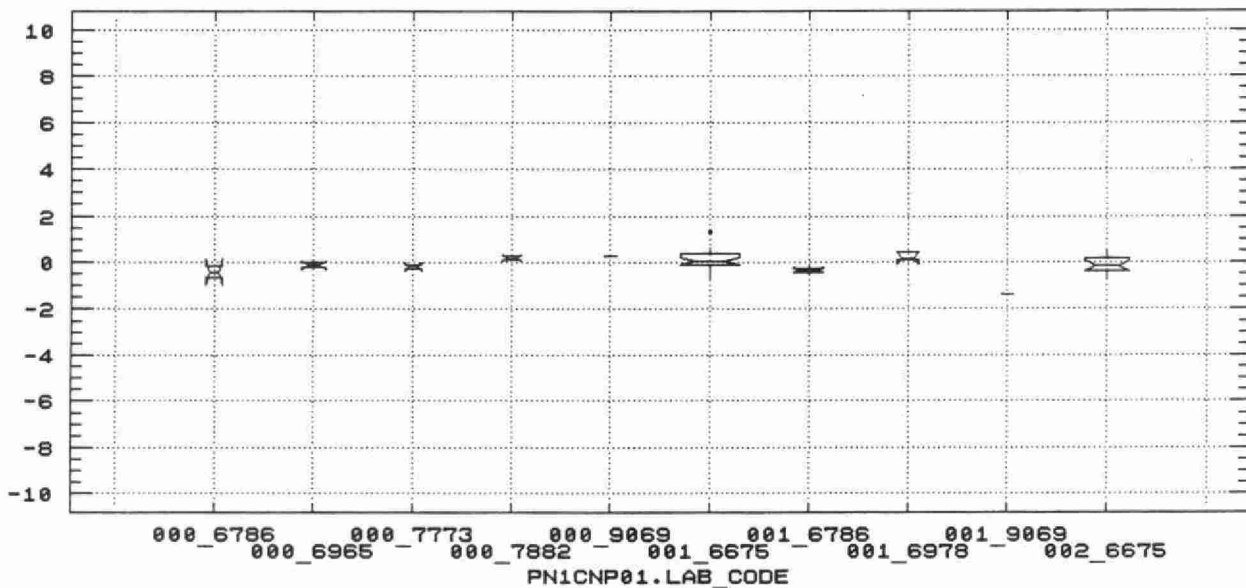


PN1CNP.AVG



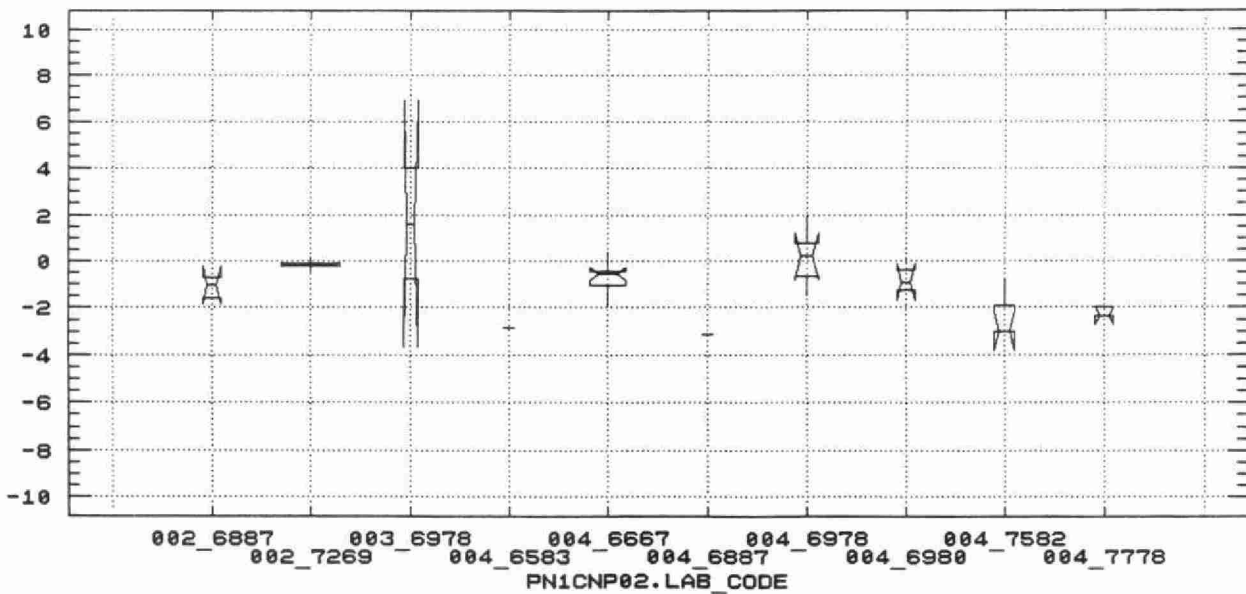
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PN1CNP01.DIFF



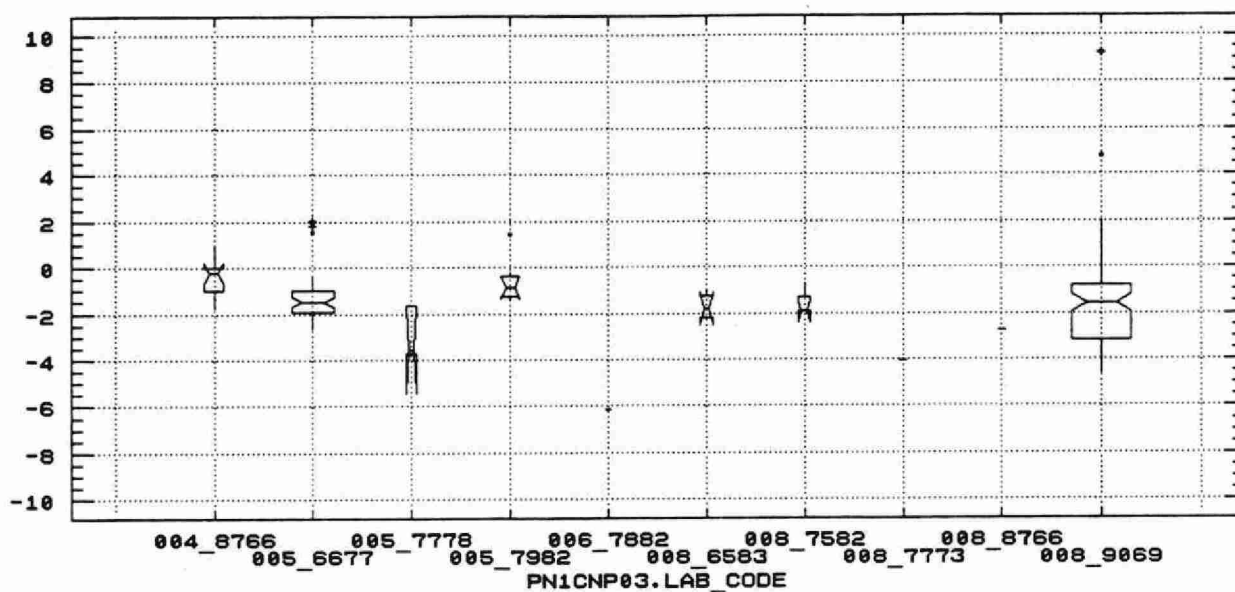
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PN1CNP02.DIFF



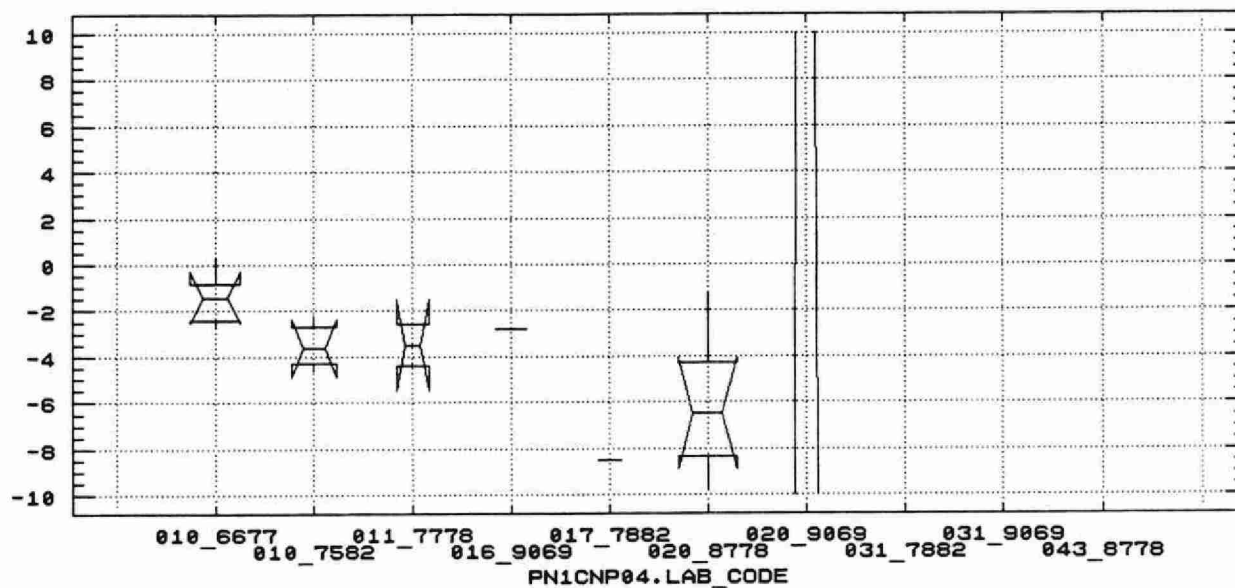
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PN1CNP03.DIFF



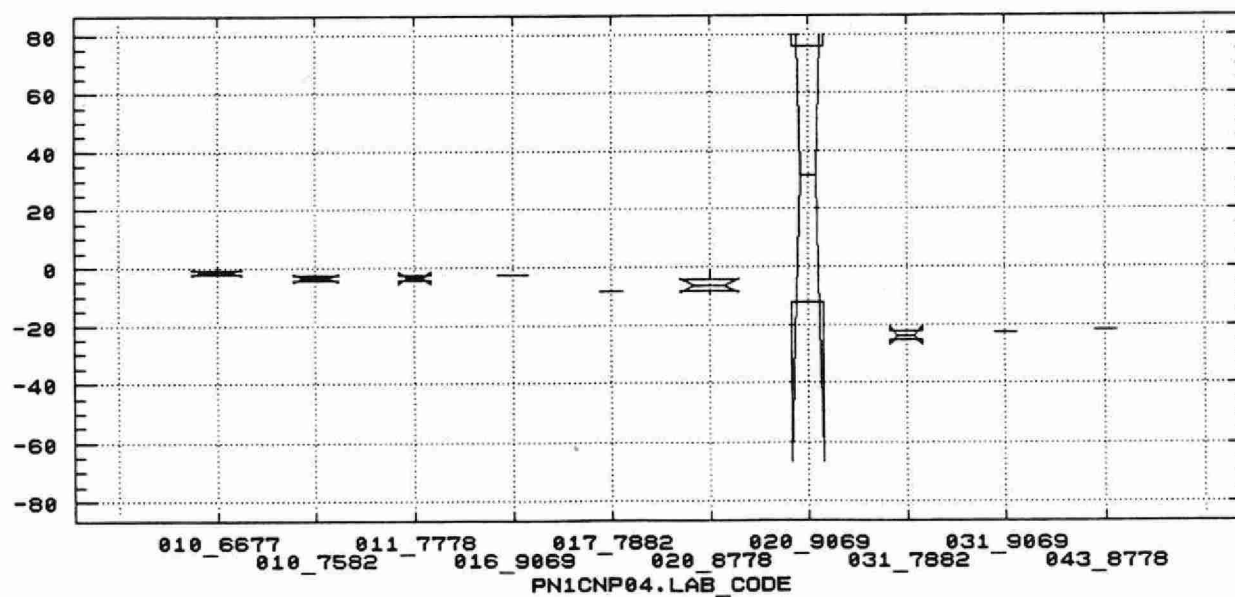
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PN1CNP04.DIFF



TRAVELLING SPIKED BLANKS

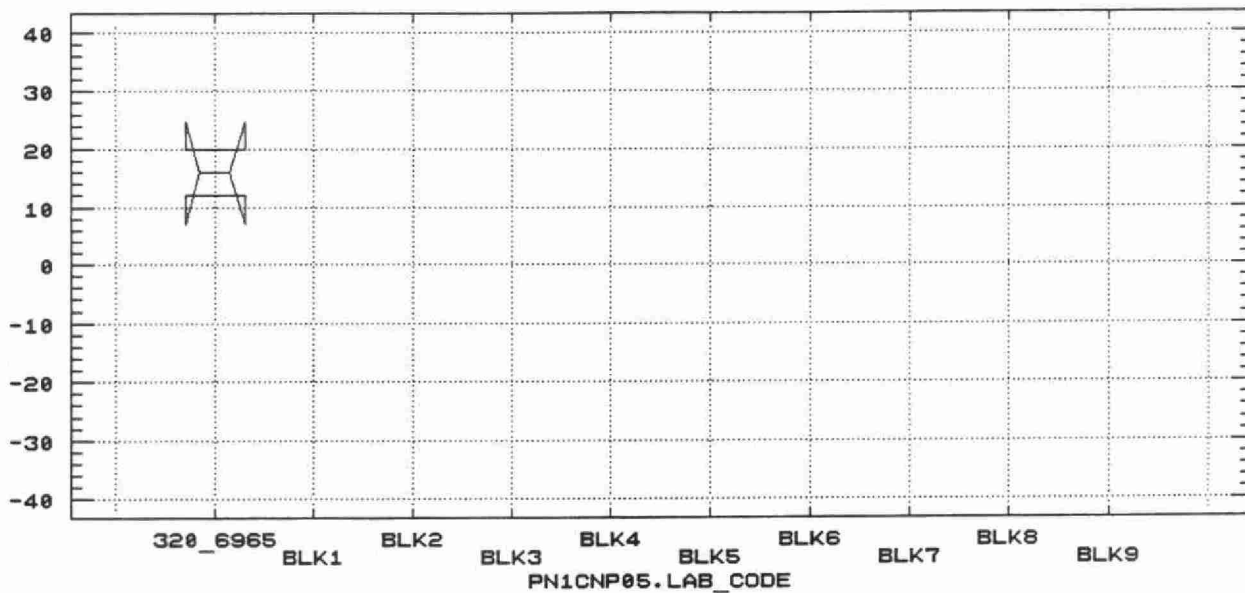
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TRAVELLING SPIKED BLANKS

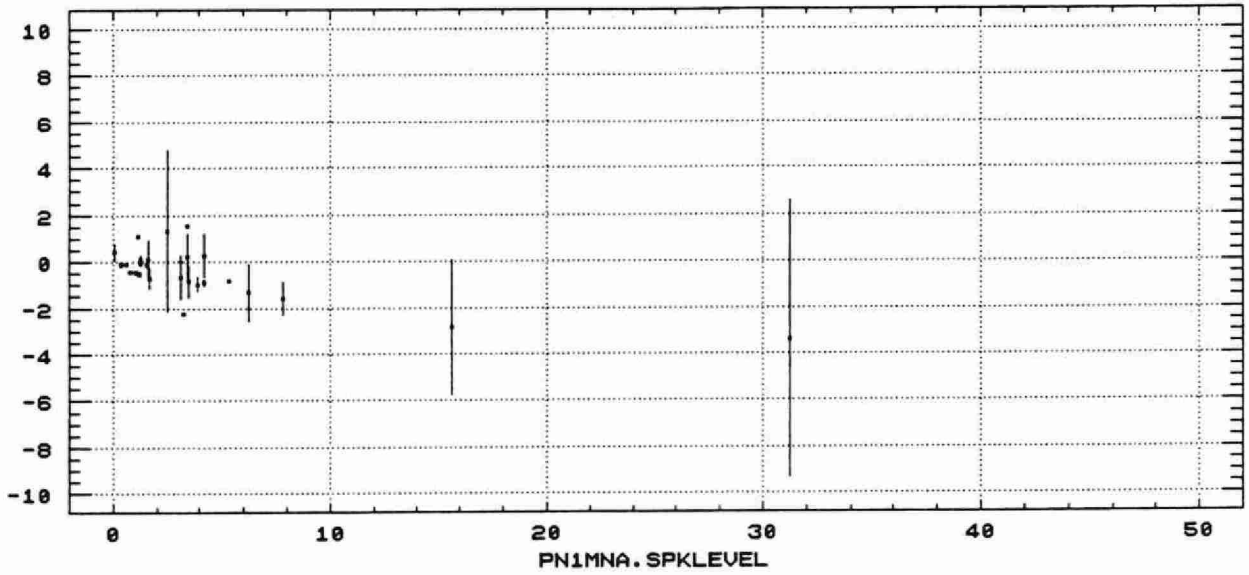
408

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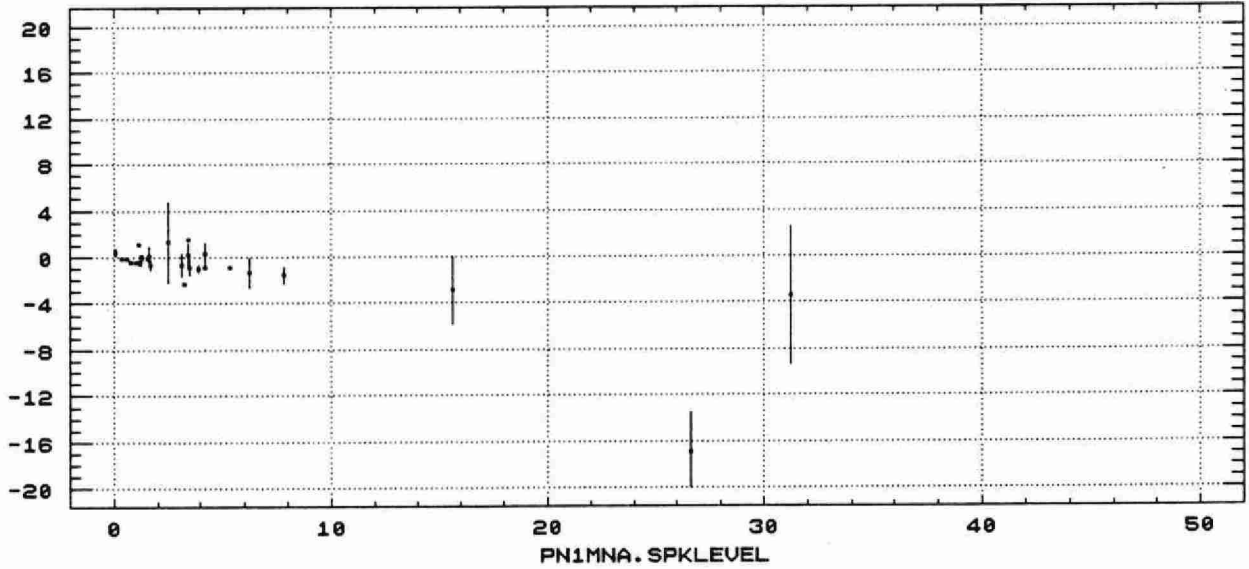
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PN1MNA.AVG



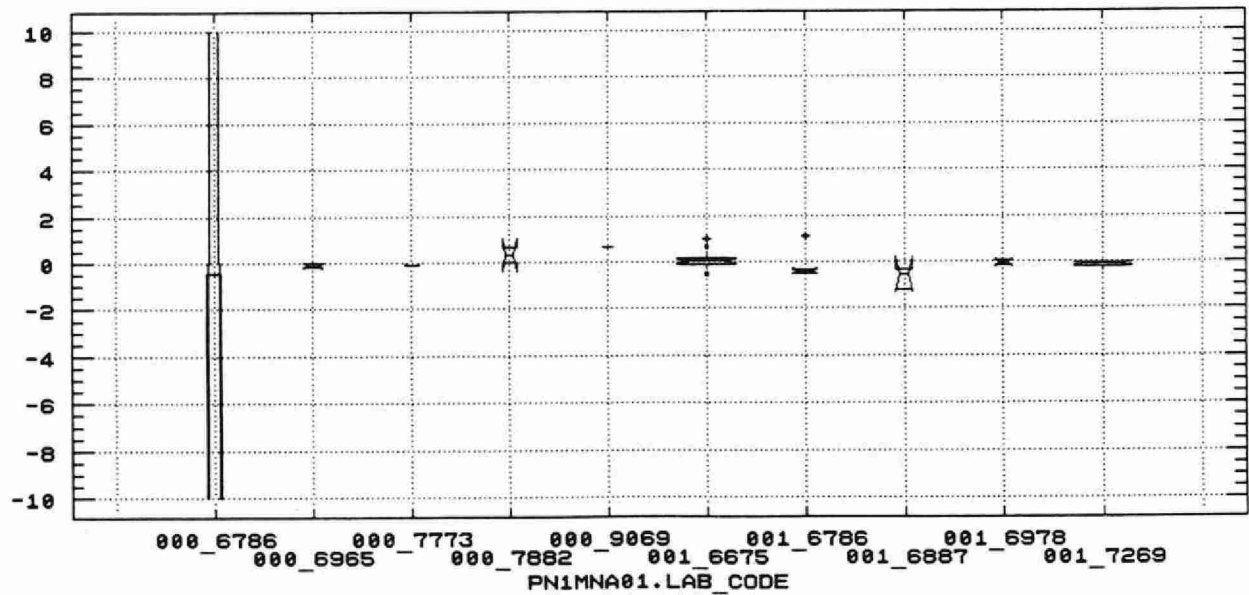
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PN1MNA.AVG



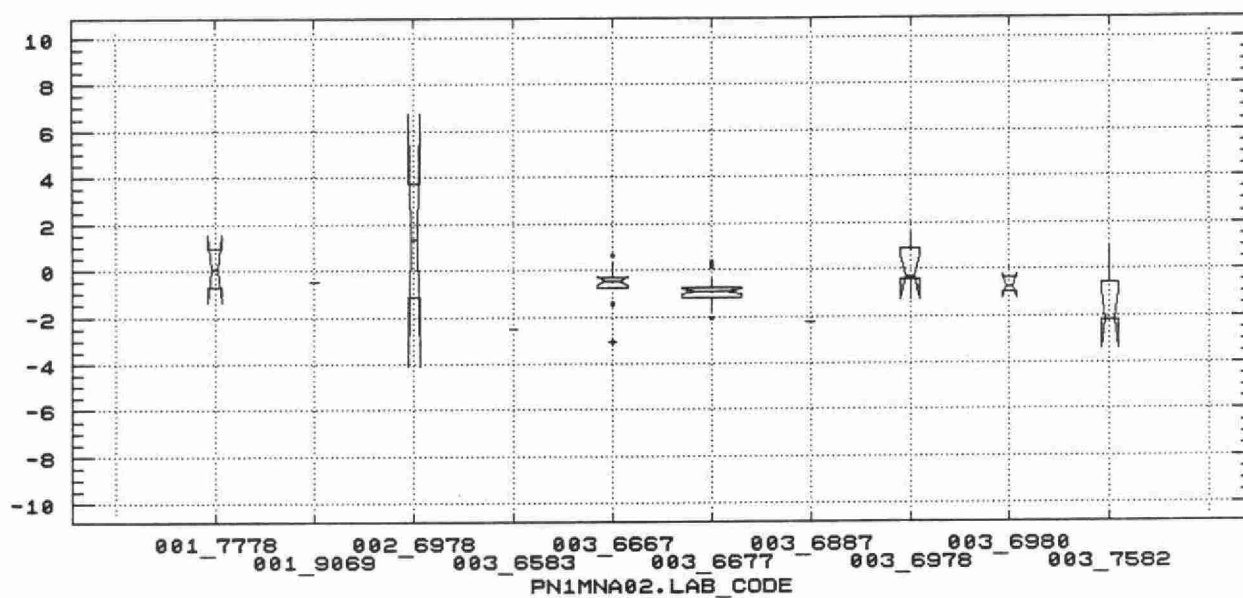
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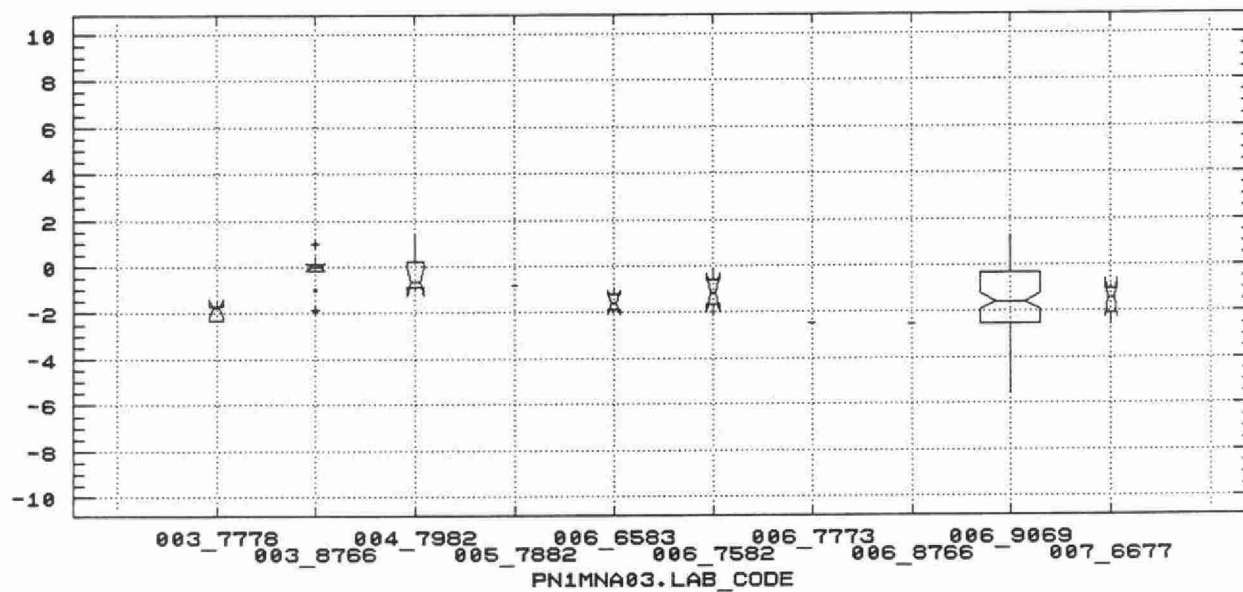
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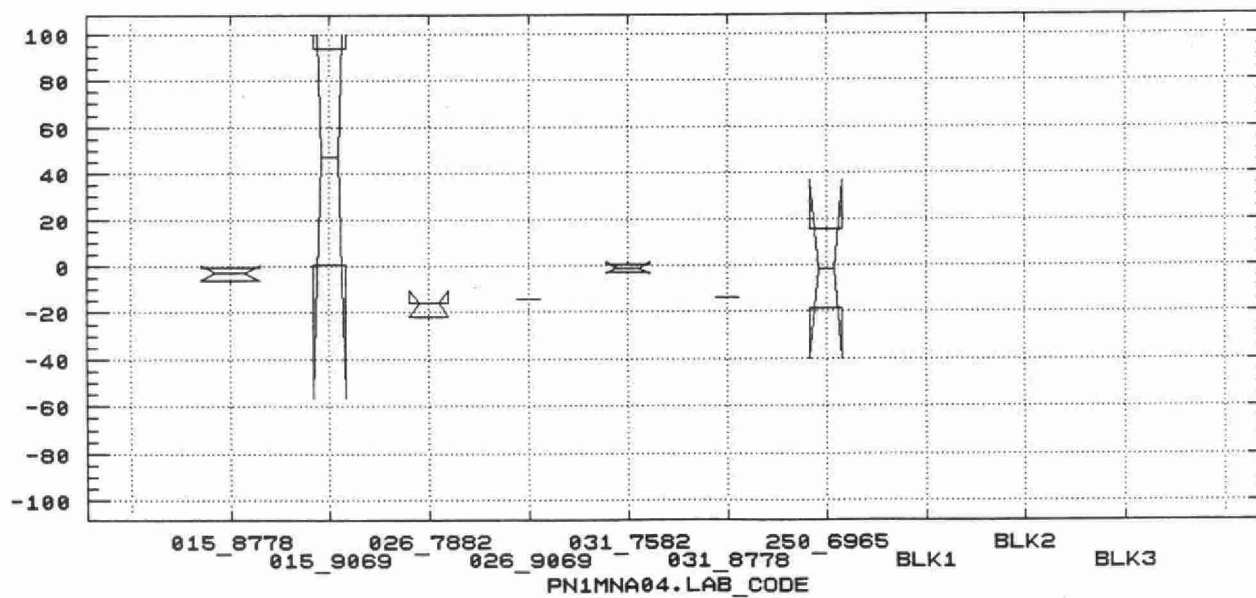
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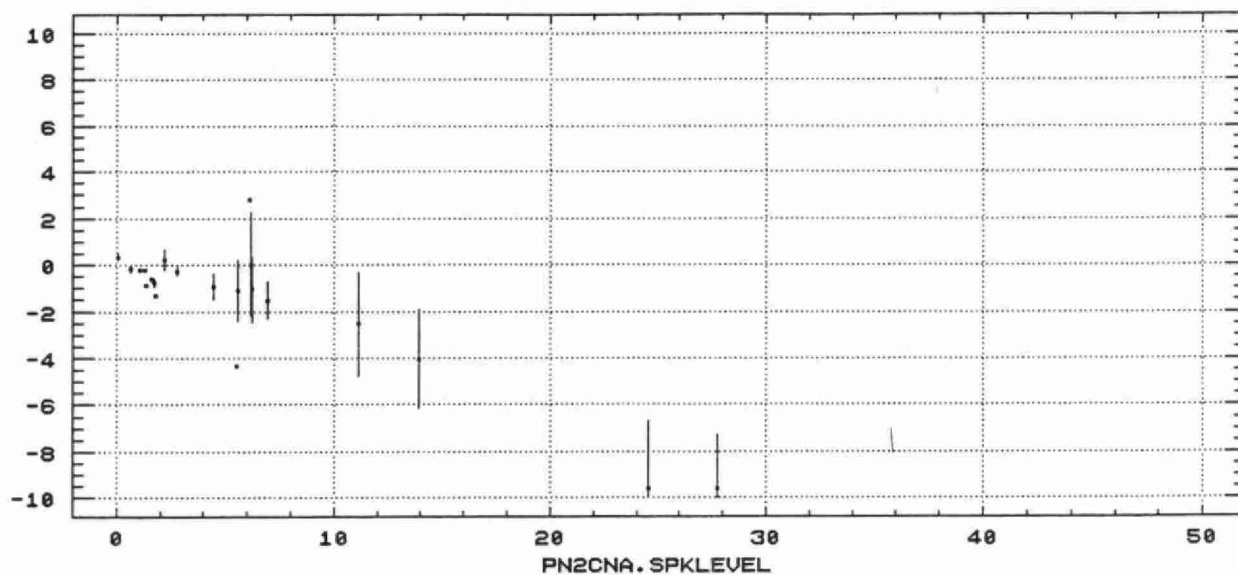
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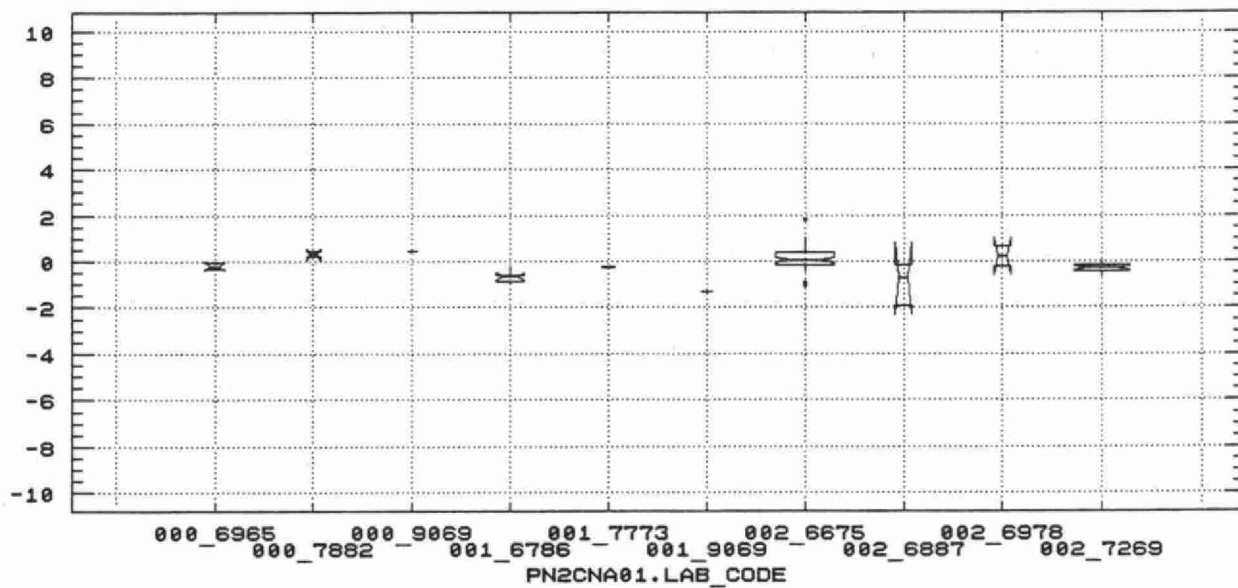
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PN2CNA.AUG



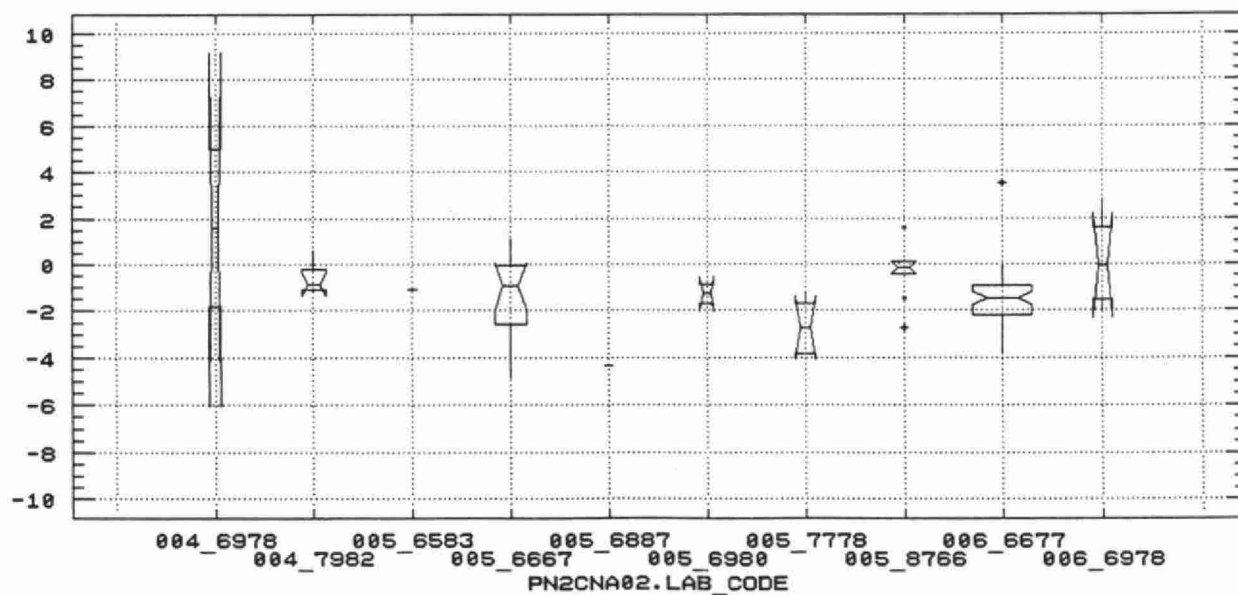
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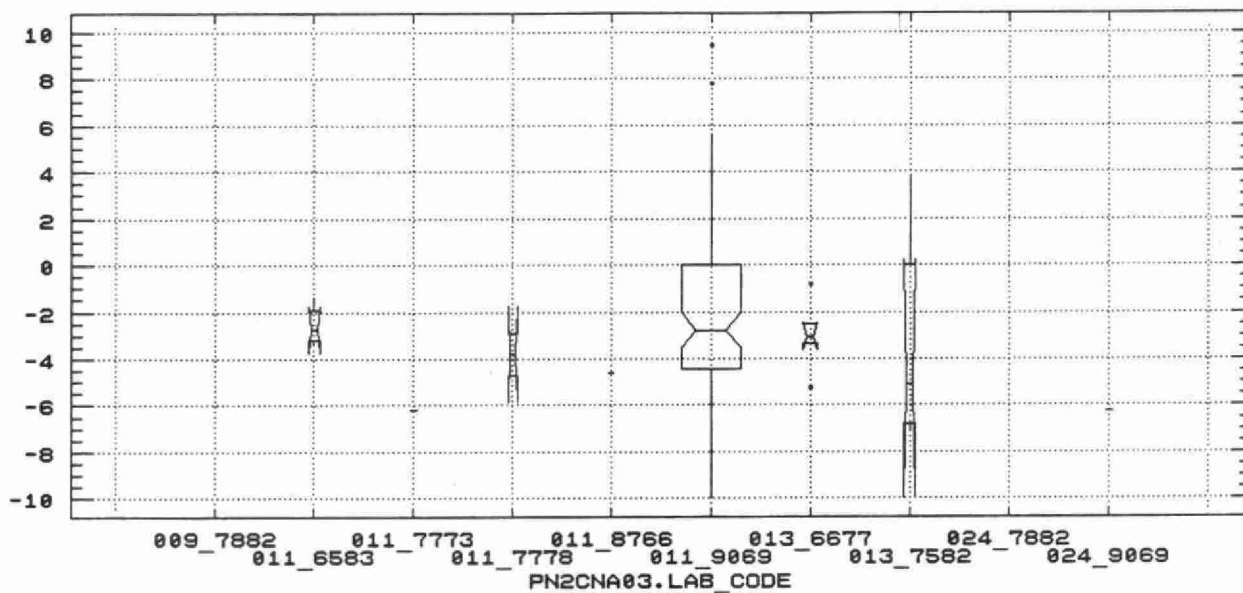
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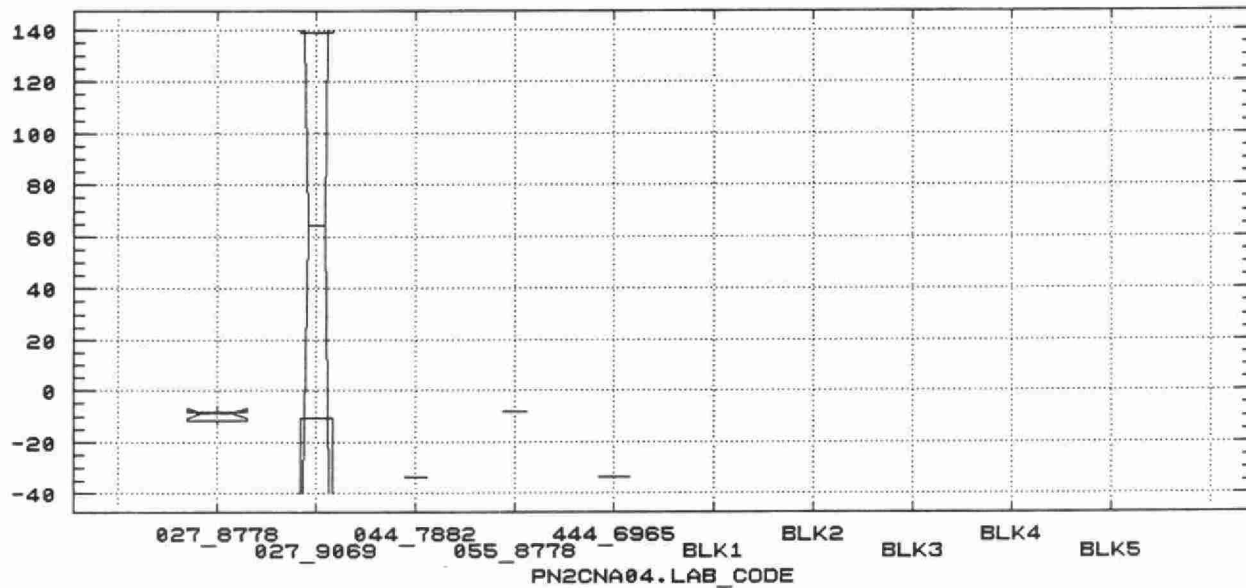
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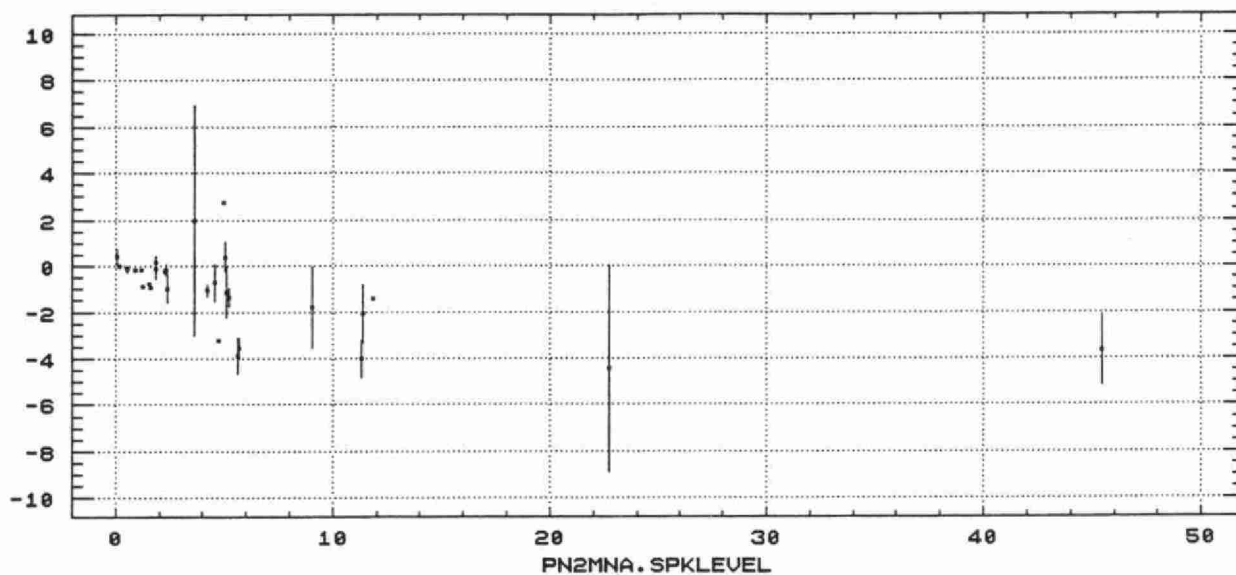


TRAVELLING SPIKED BLANKS

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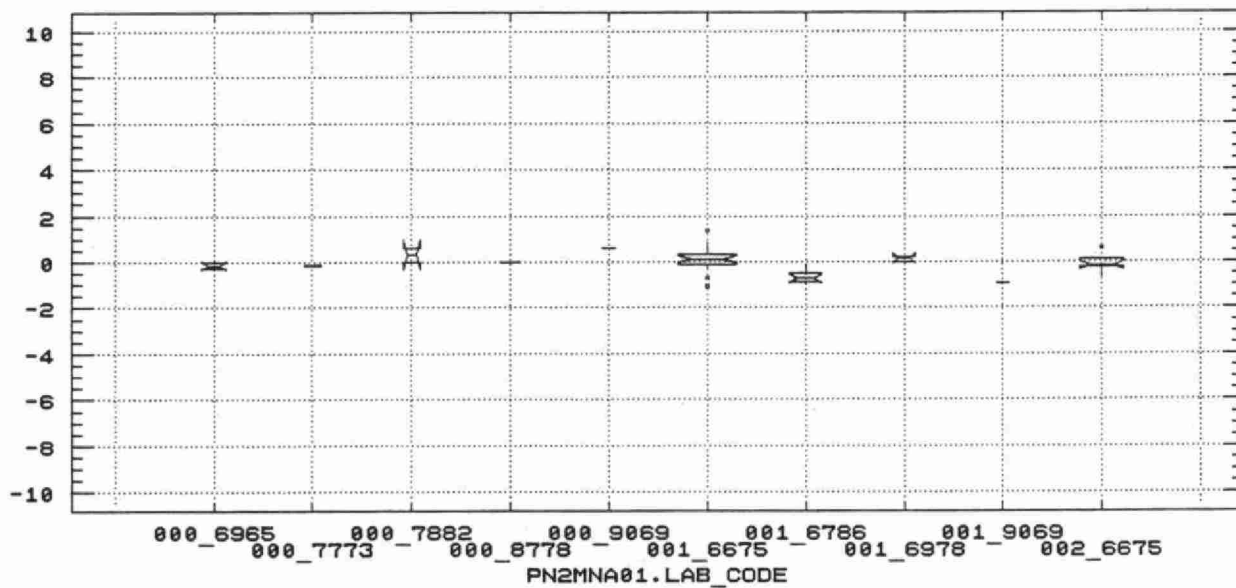


PN2MNA.AVG



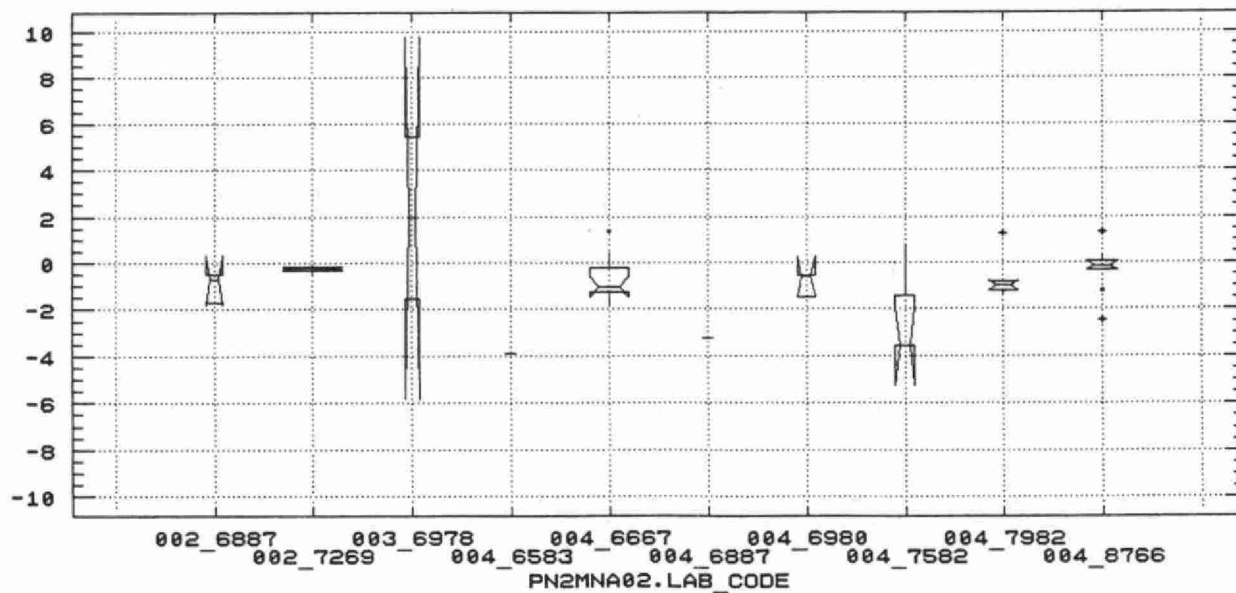
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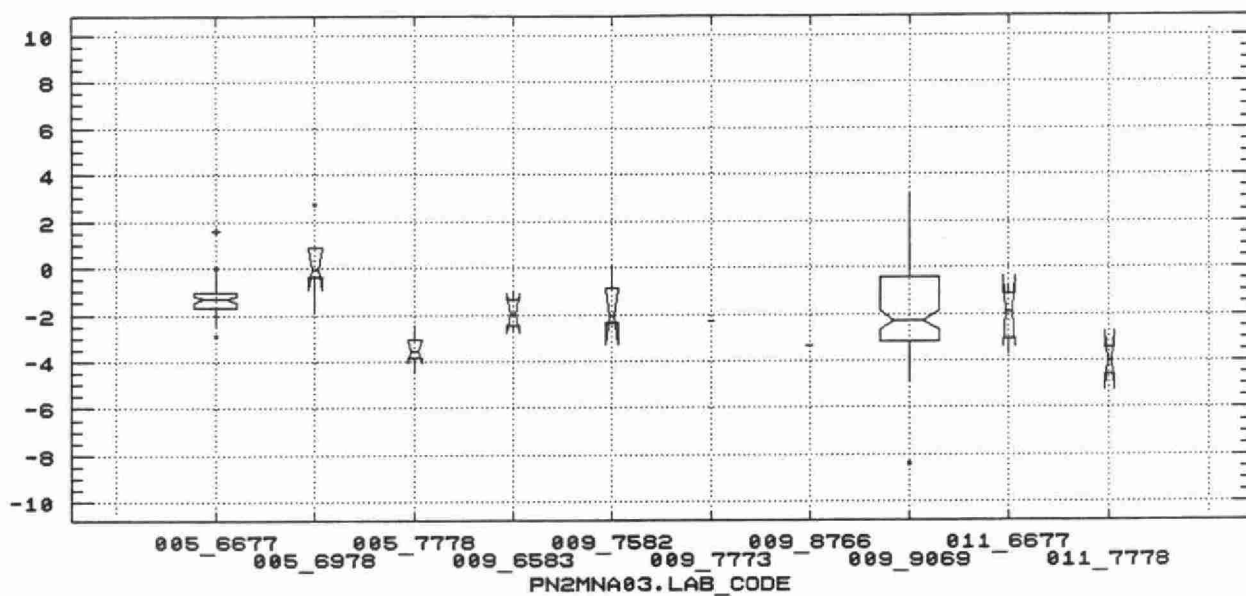
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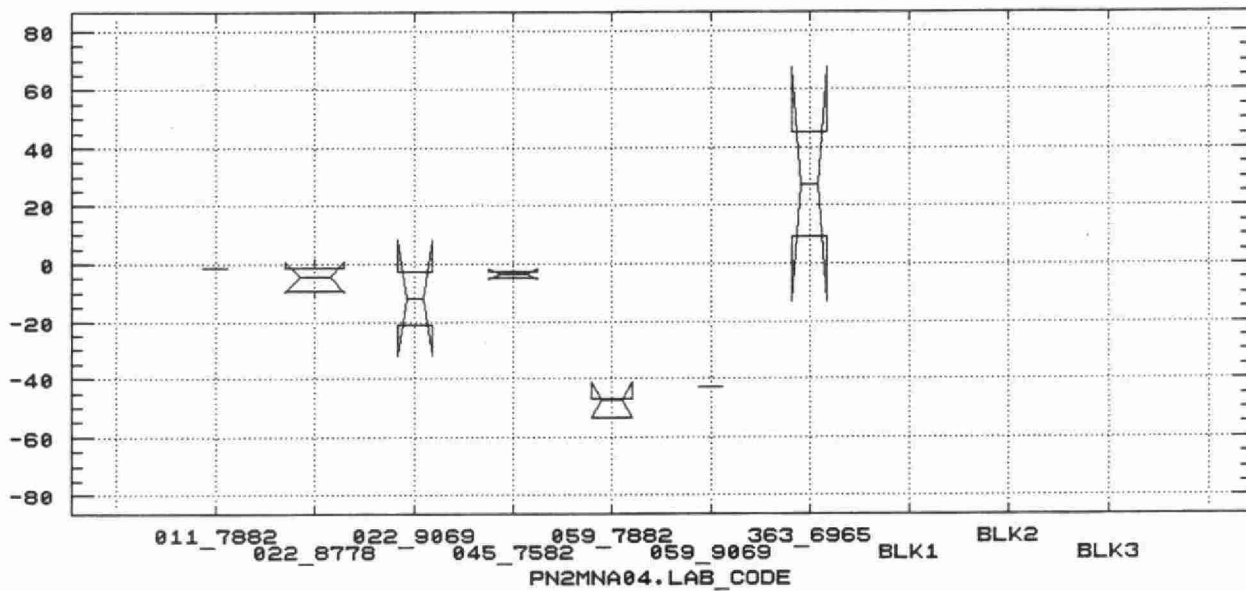
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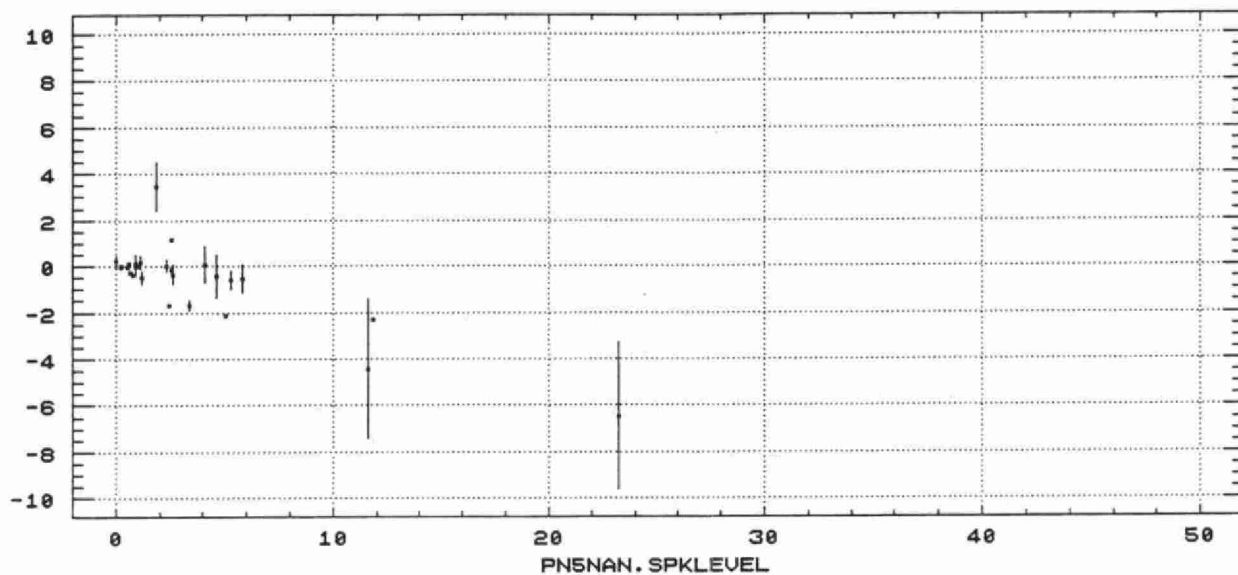


TRAVELLING SPIKED BLANKS

PN2MNA04.DIFF

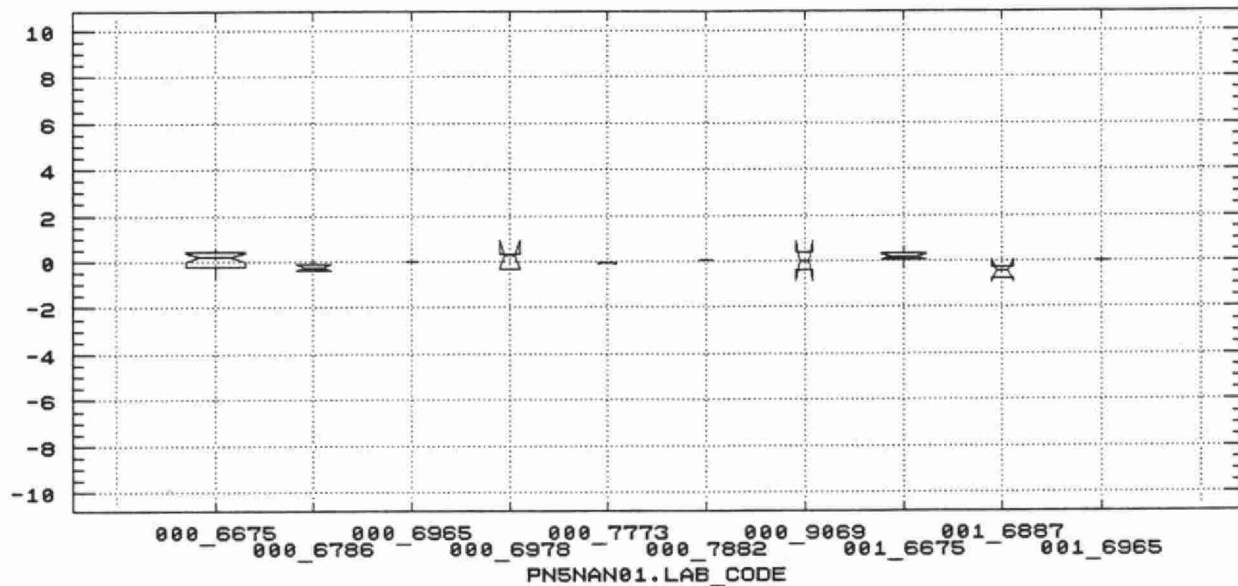


PN5NAN.AVG



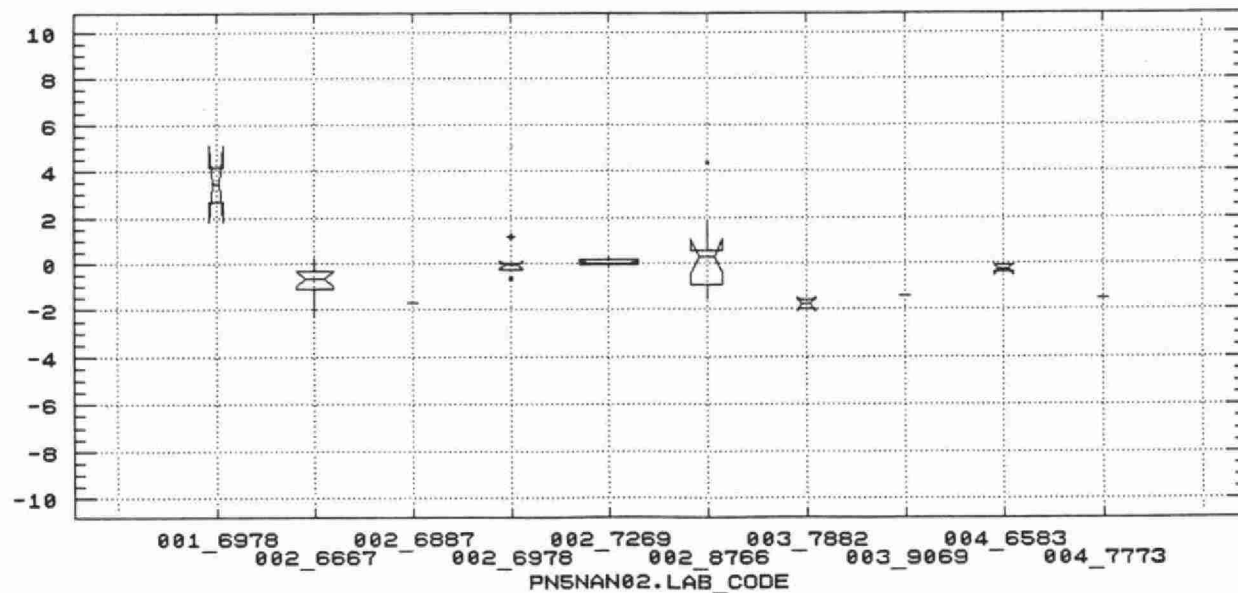
TRAVELLING SPIKED BLANKS

PN5NAN01.DIFF



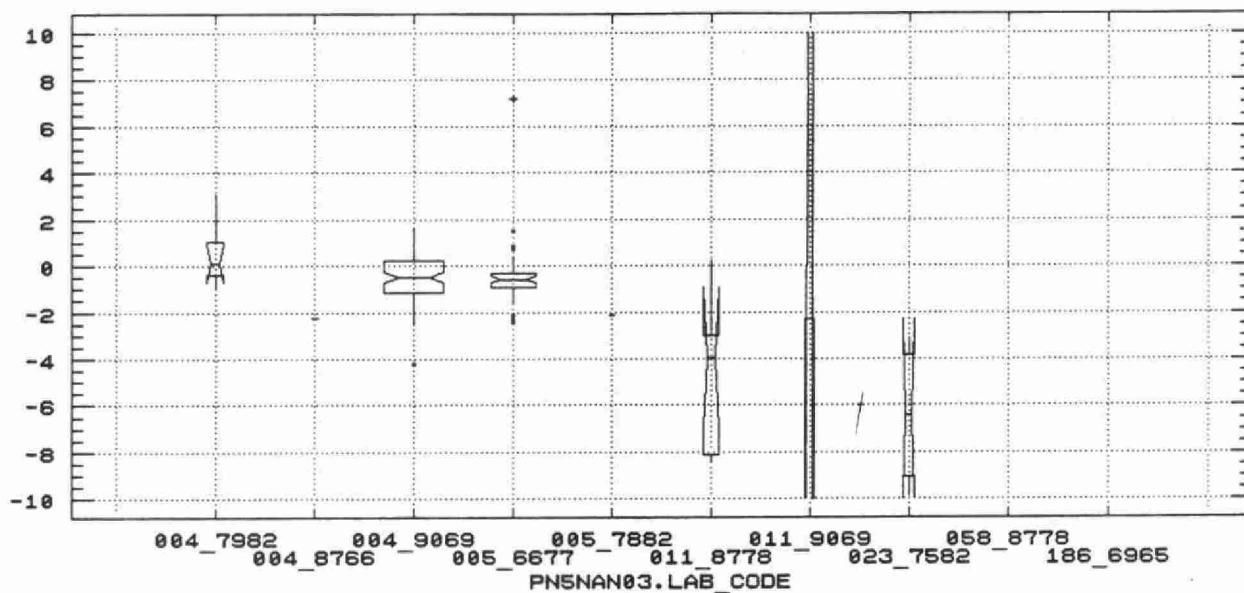
TRAVELLING SPIKED BLANKS

PN5NAN02.DIFF



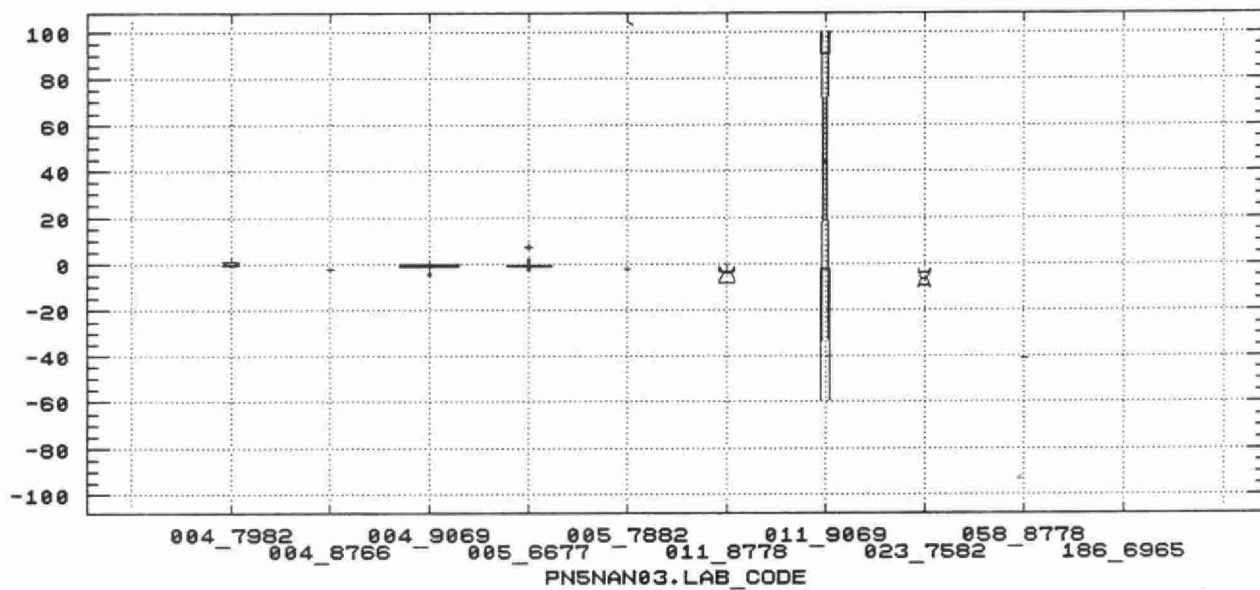
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PN5NAN03.DIFF



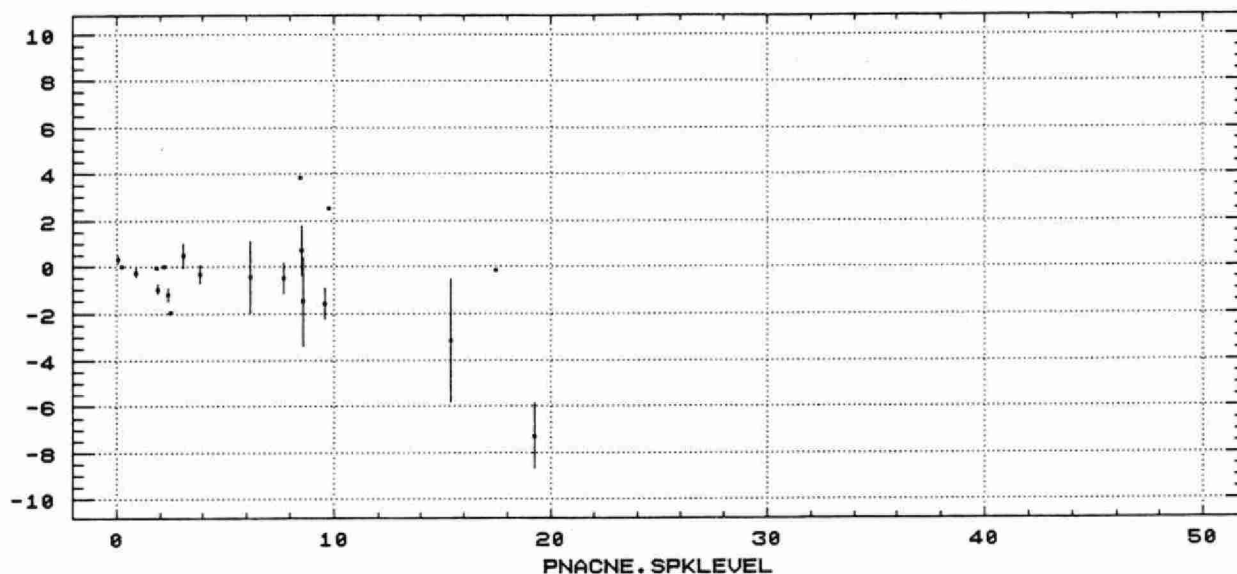
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PN5NAN03.DIFF



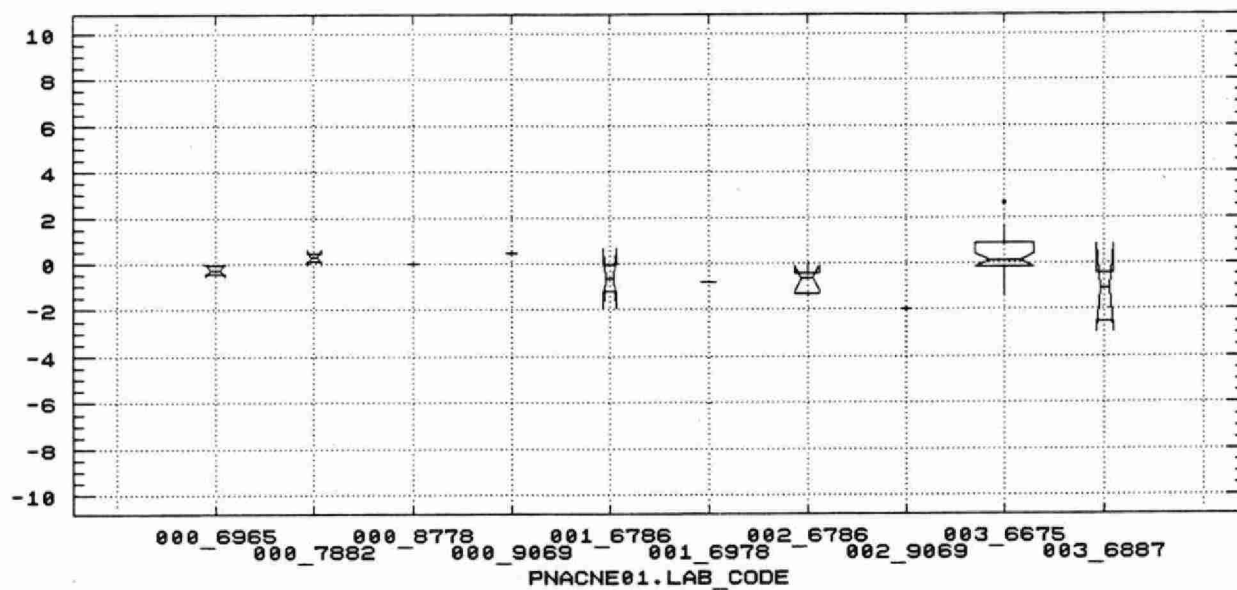
TRAVELLING SPIKED BLANKS

PNACNE.AVG



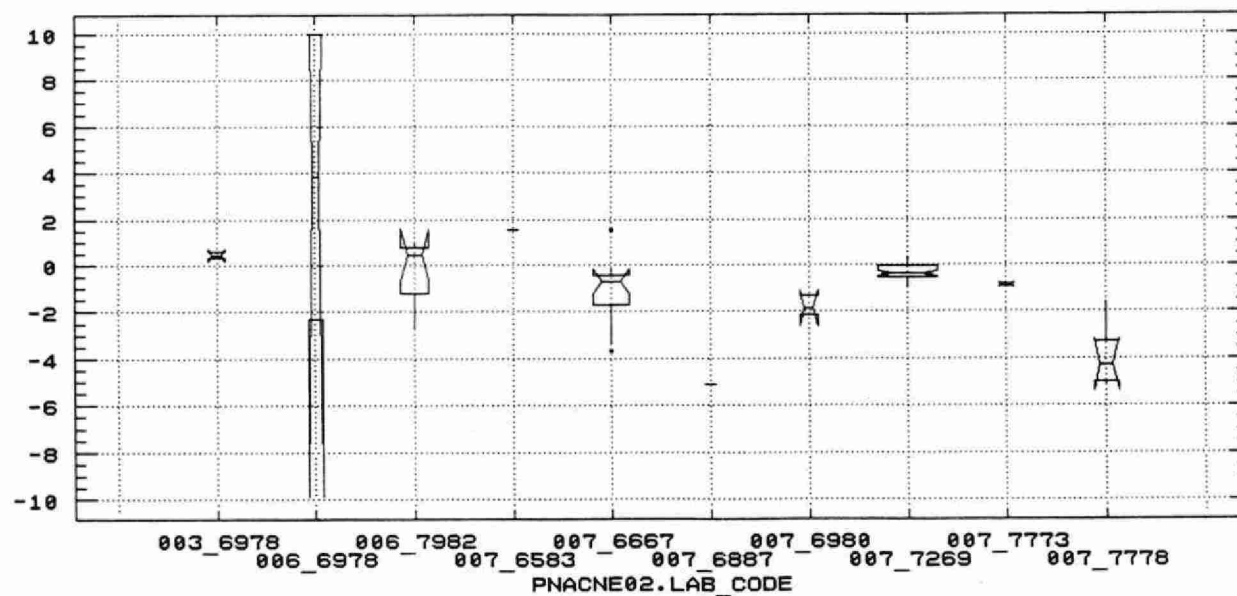
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PNACNE01.DIFF



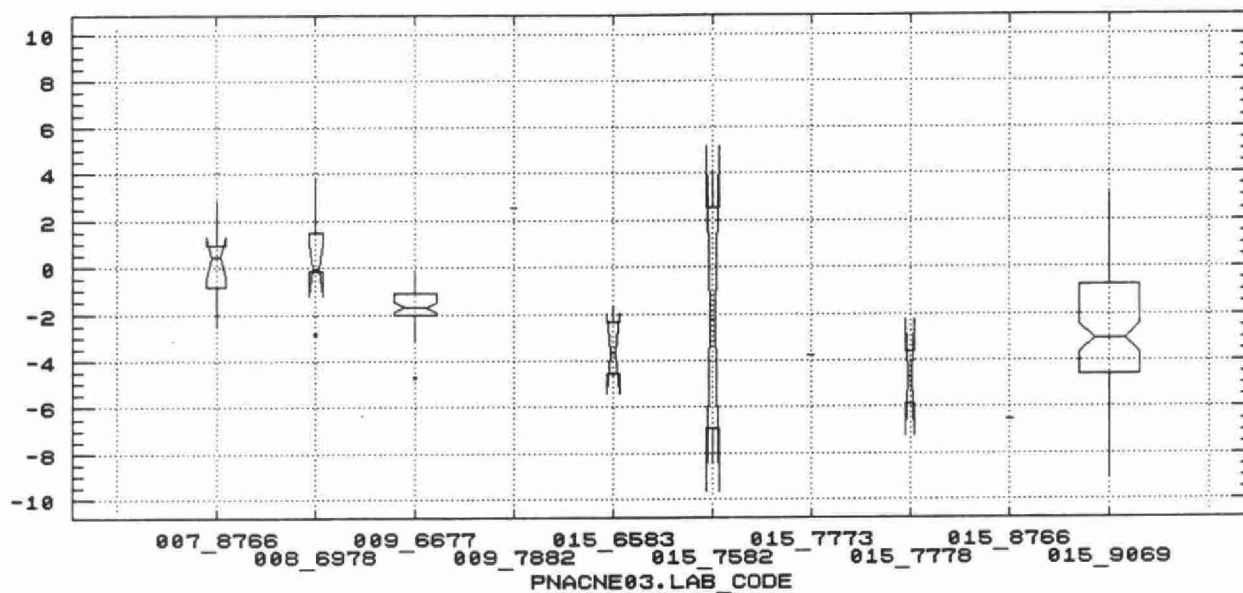
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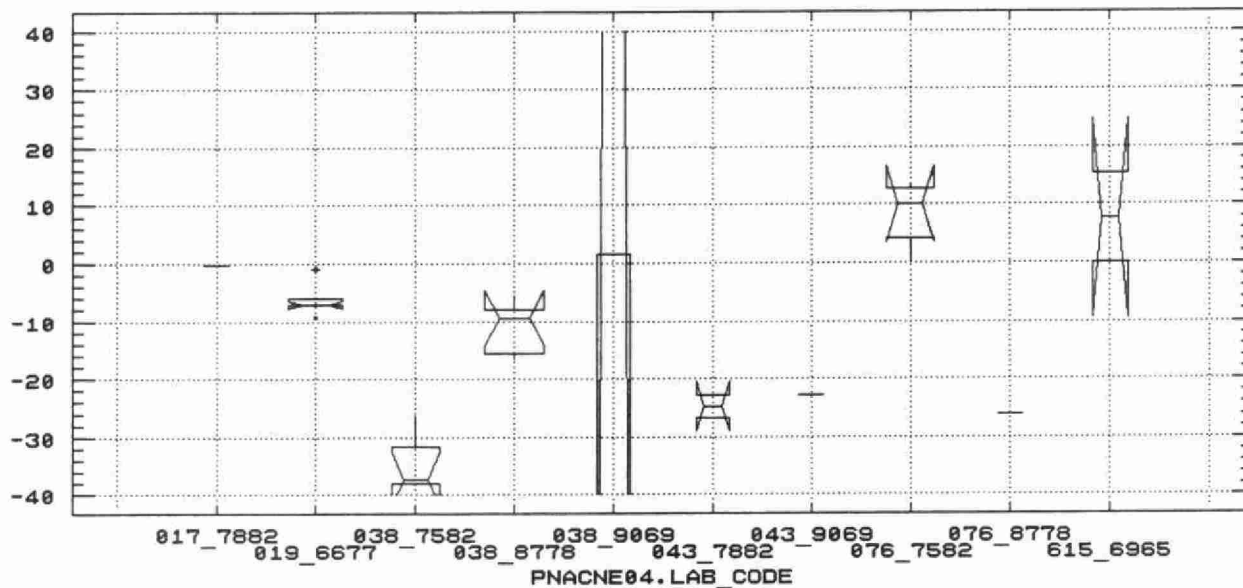
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PNACNE03.DIFF



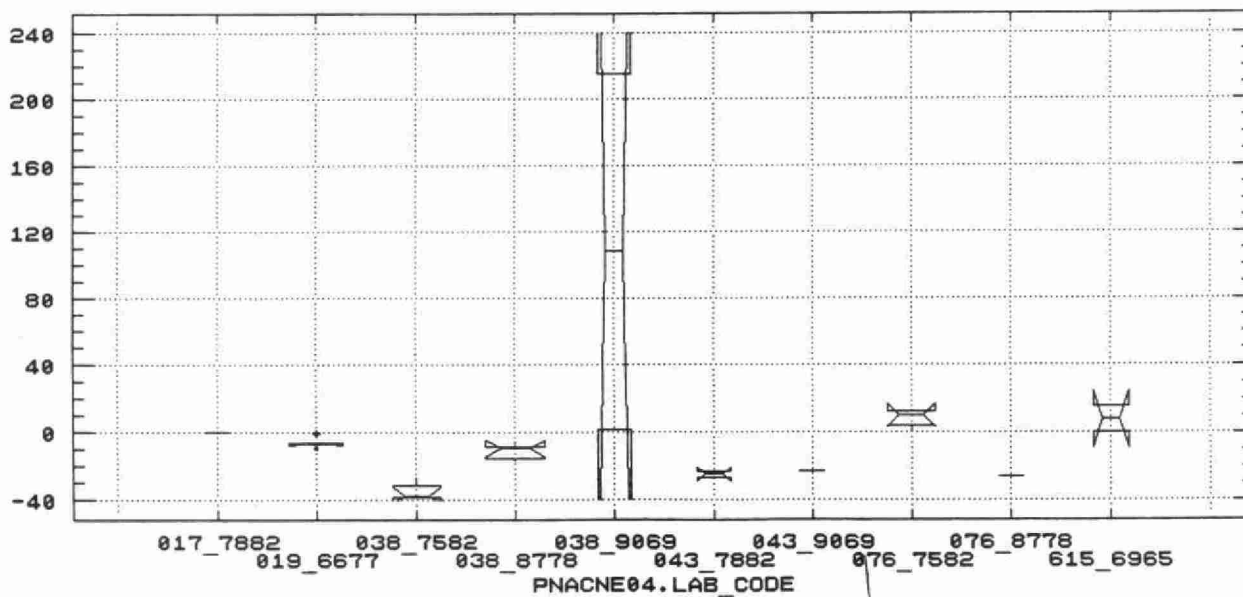
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PNACNE04.DIFF



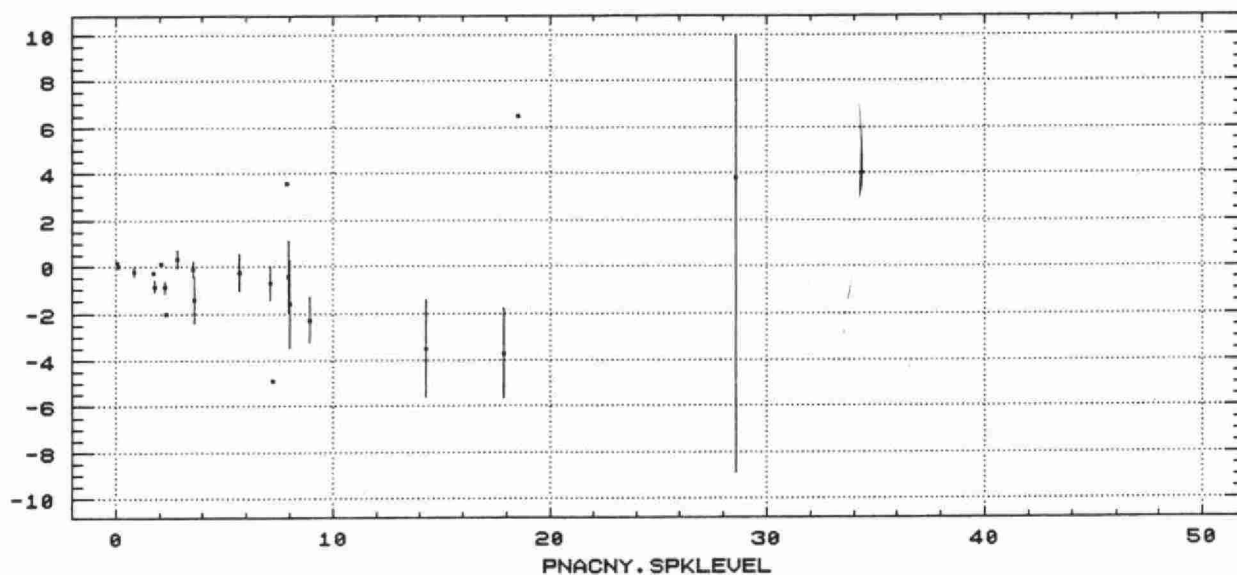
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PNACNE04.DIFF



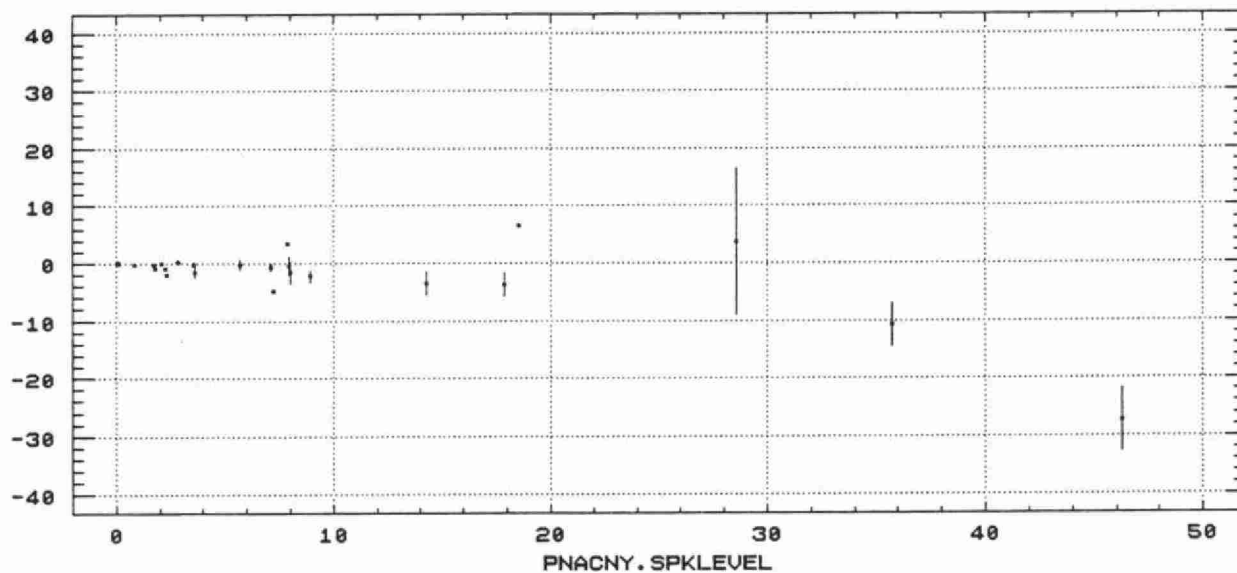
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PNACNY.AUG



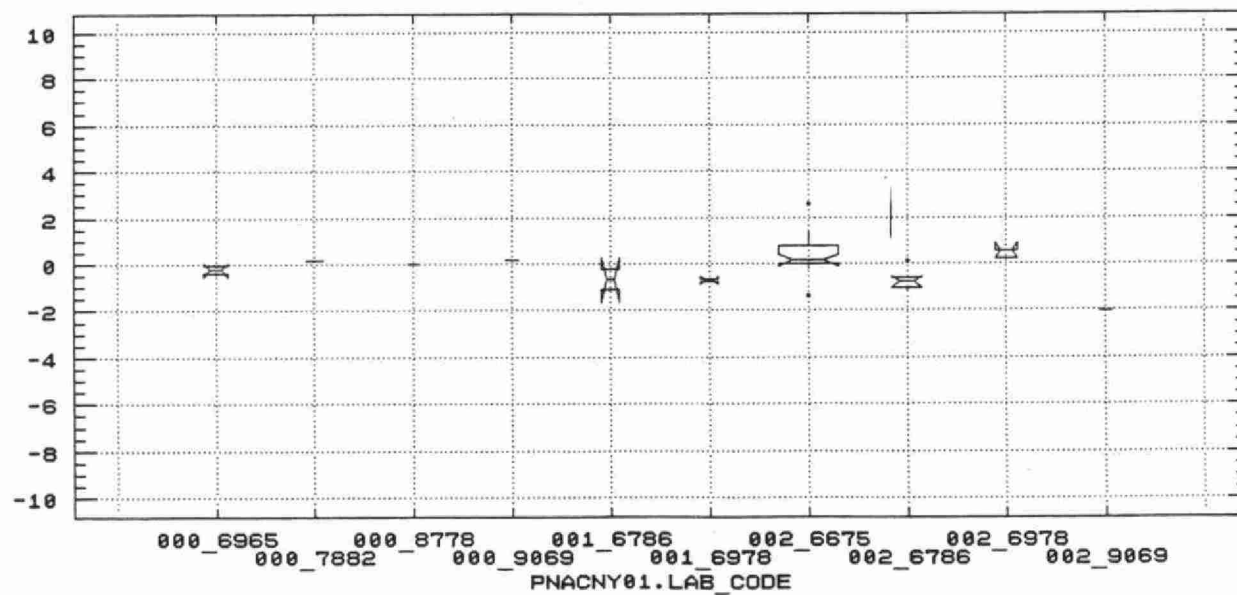
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PNACNY.AUG



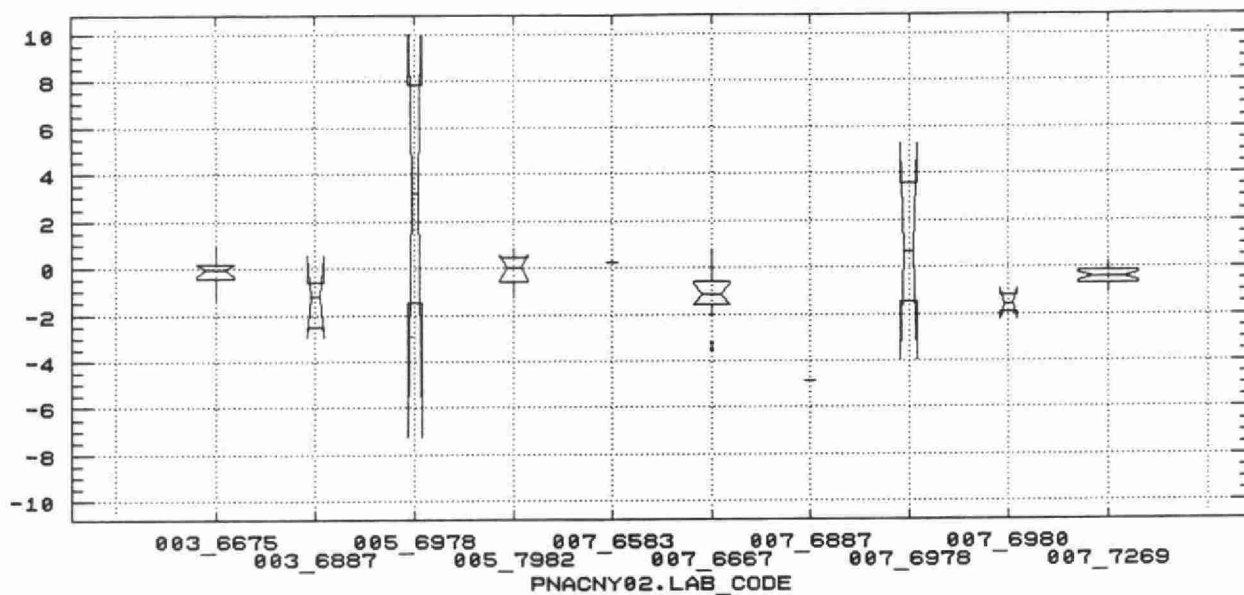
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PNACNY01.DIFF



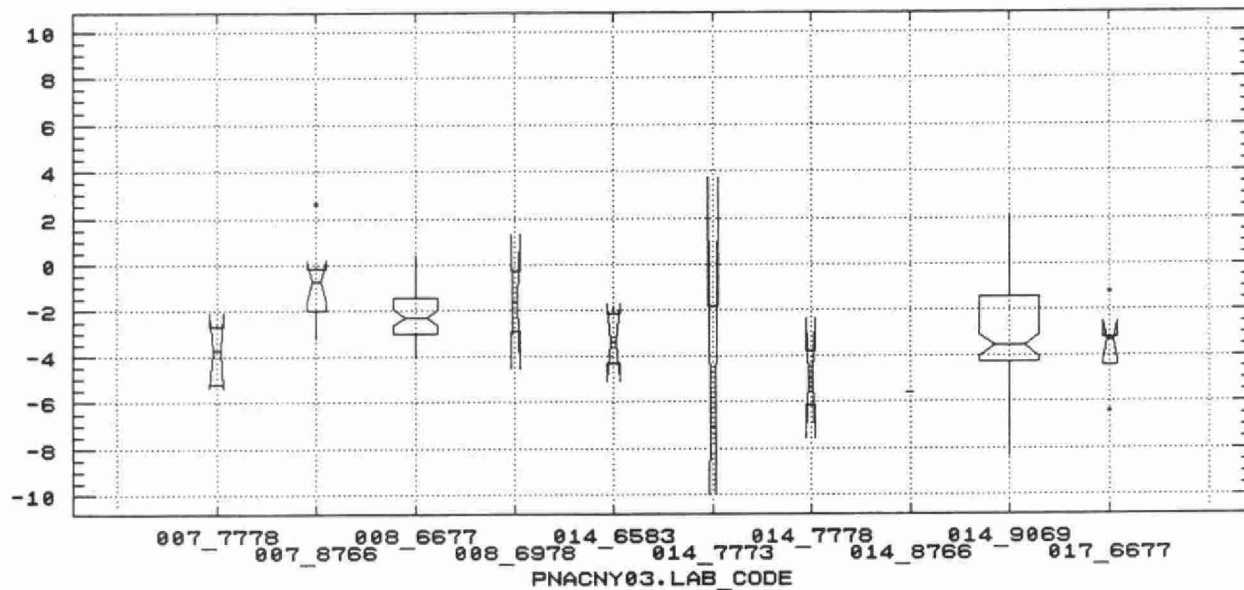
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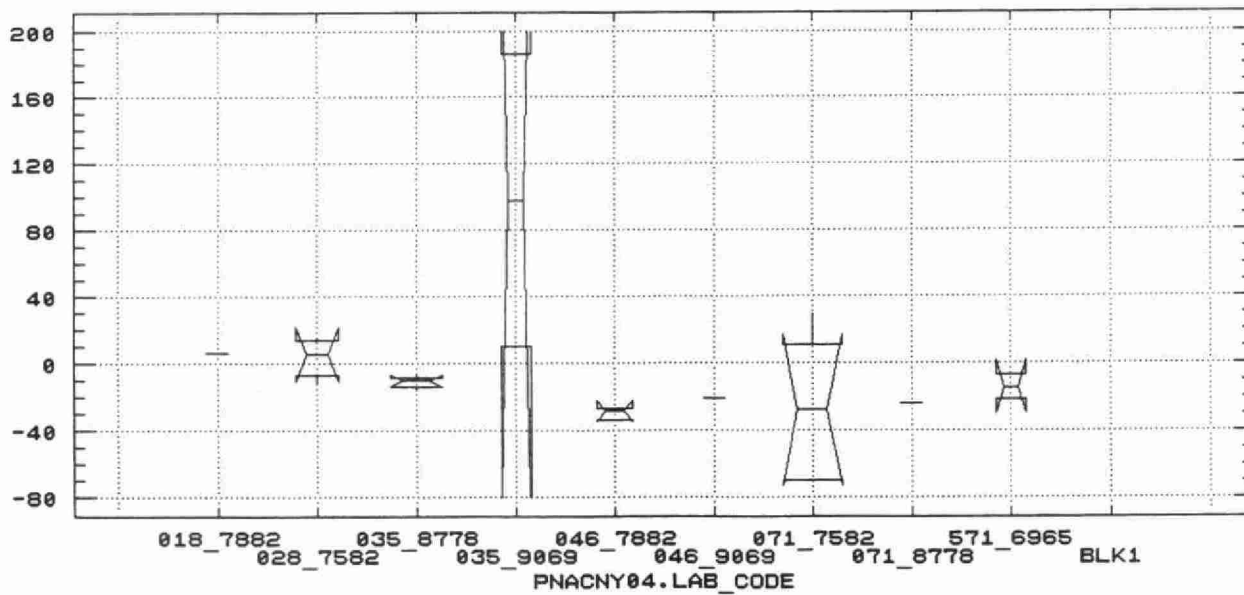
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PNACNY03.DIFF



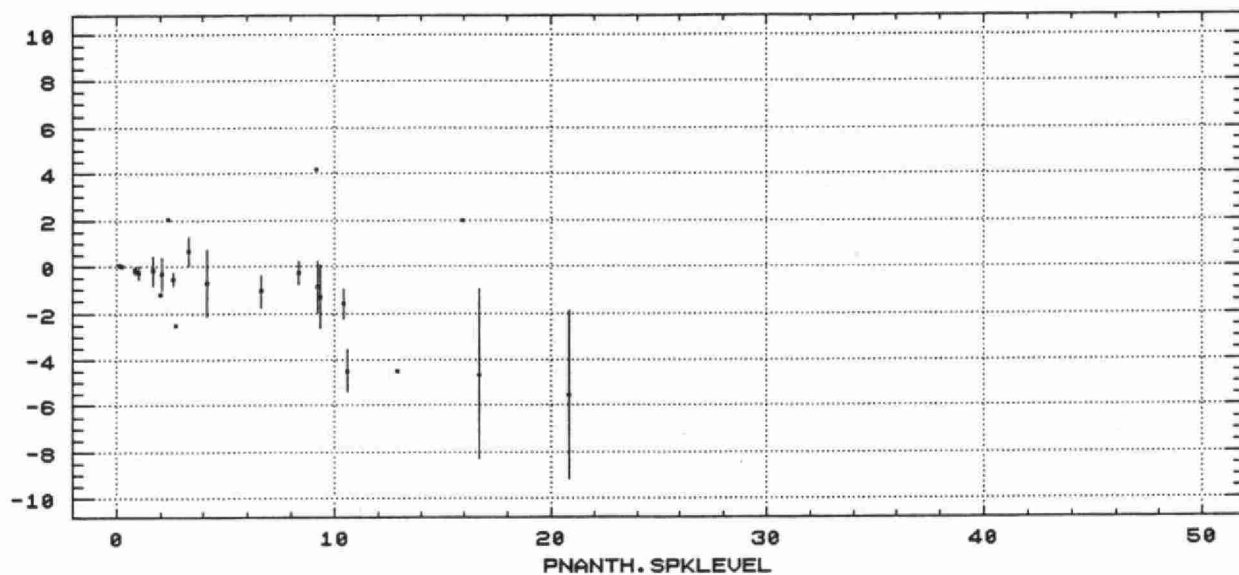
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PNACNY04.DIFF



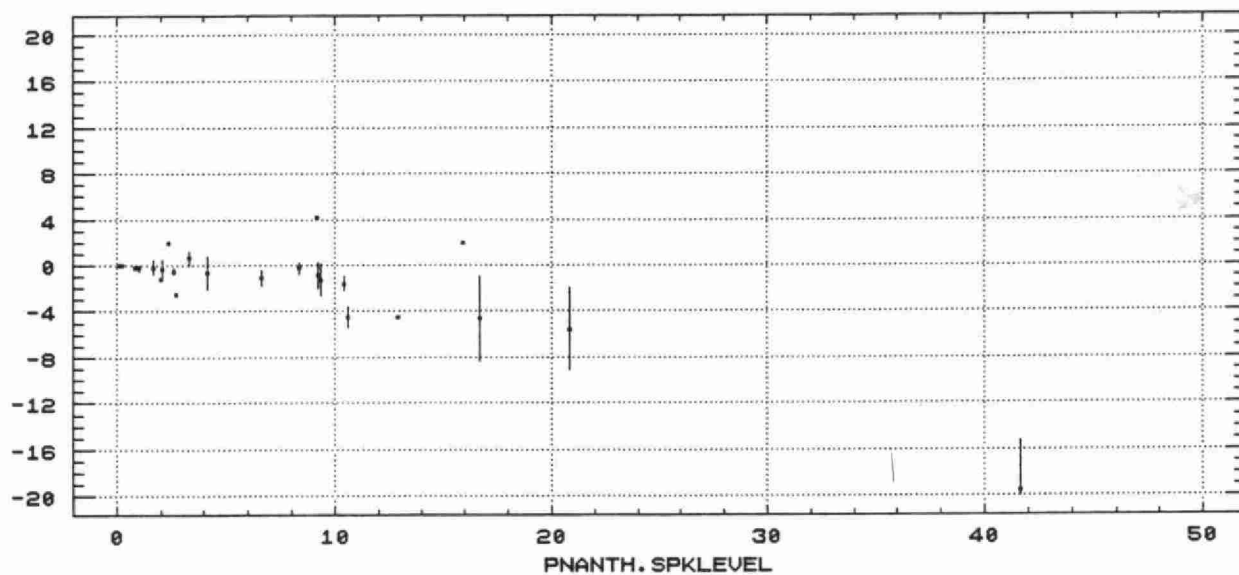
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PNANTH.AVG



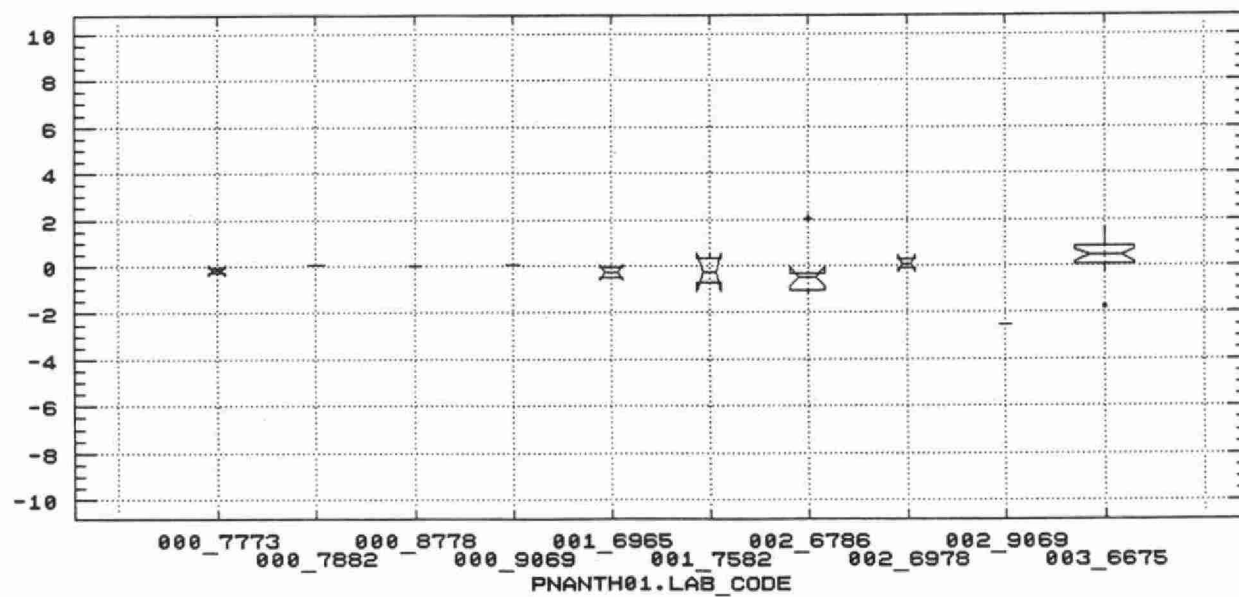
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PNANTH.AVG



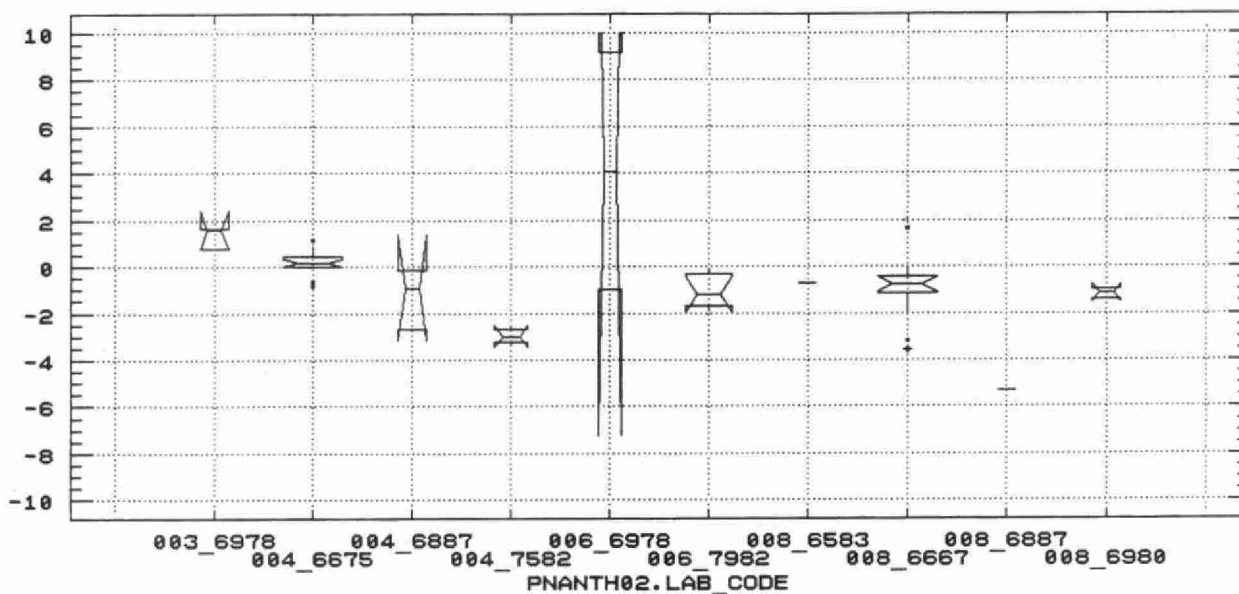
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PNANTH01.DIFF



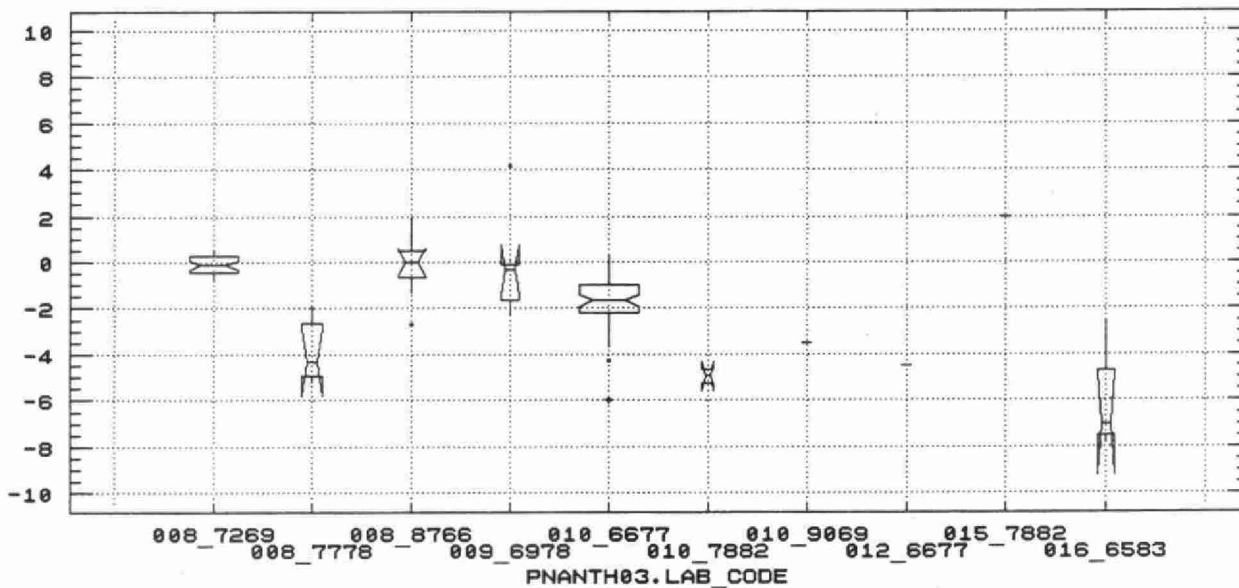
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PNANTH02.DIFF



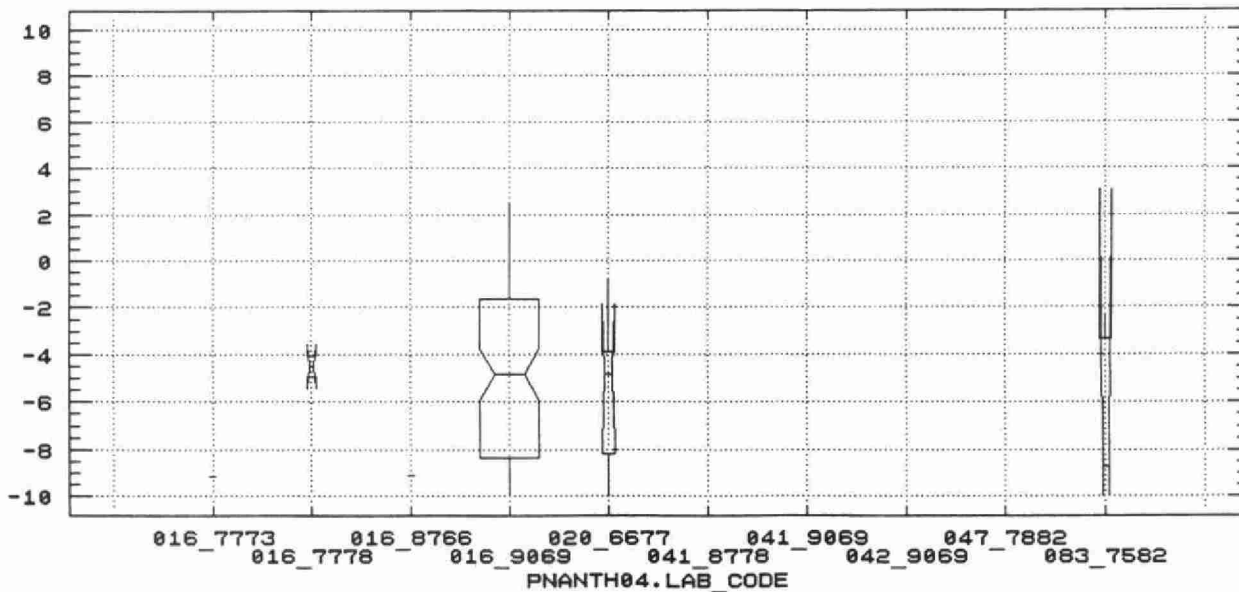
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PNANTH03.DIFF



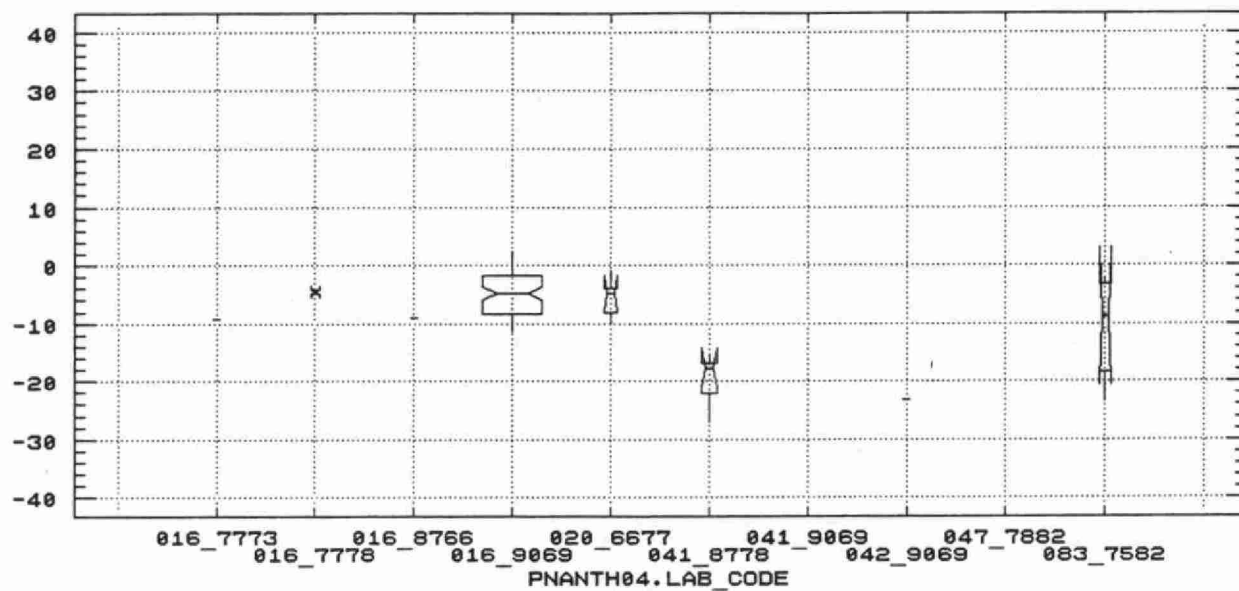
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PNANTH04.DIFF



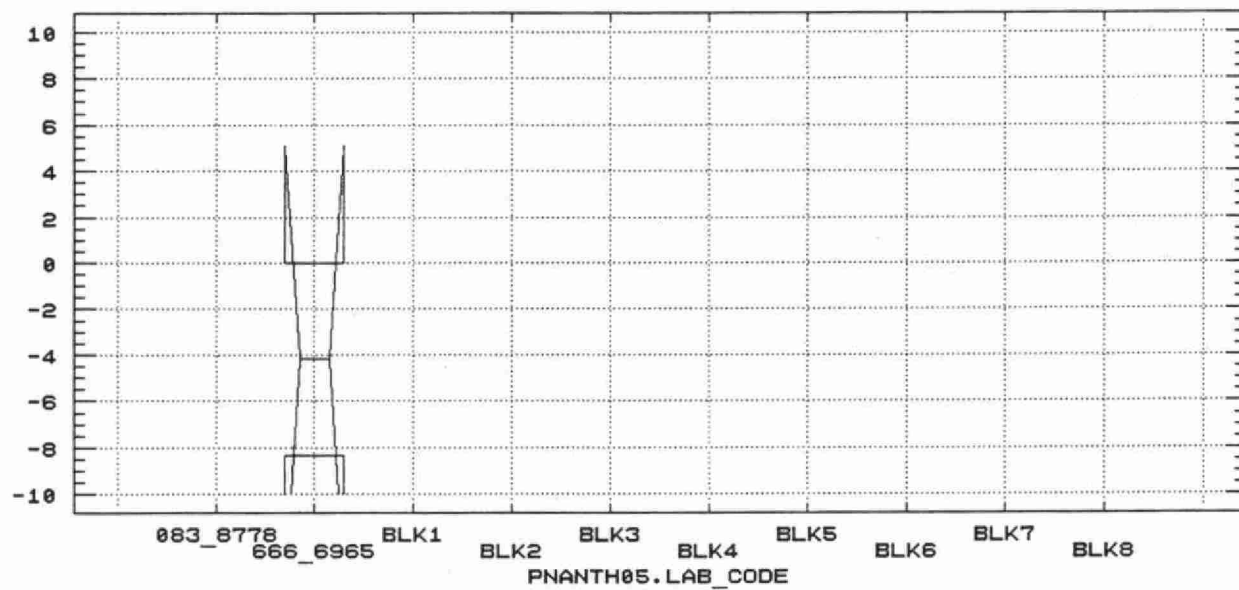
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PNANTH04.DIFF

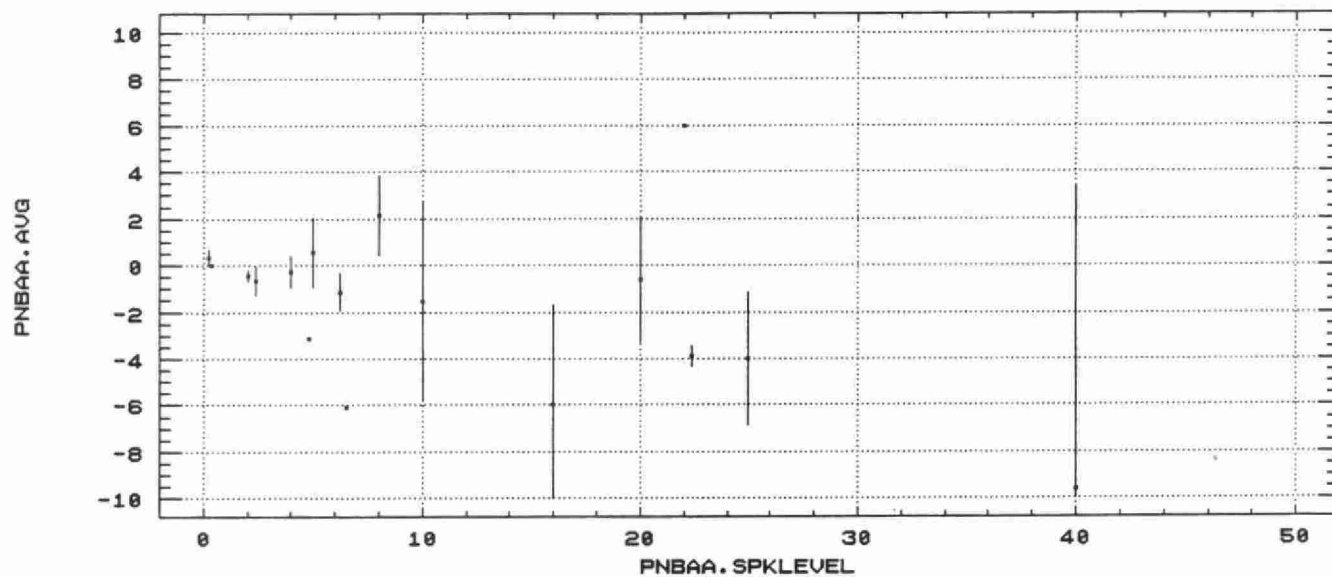


TRAVELLING SPIKED BLANKS

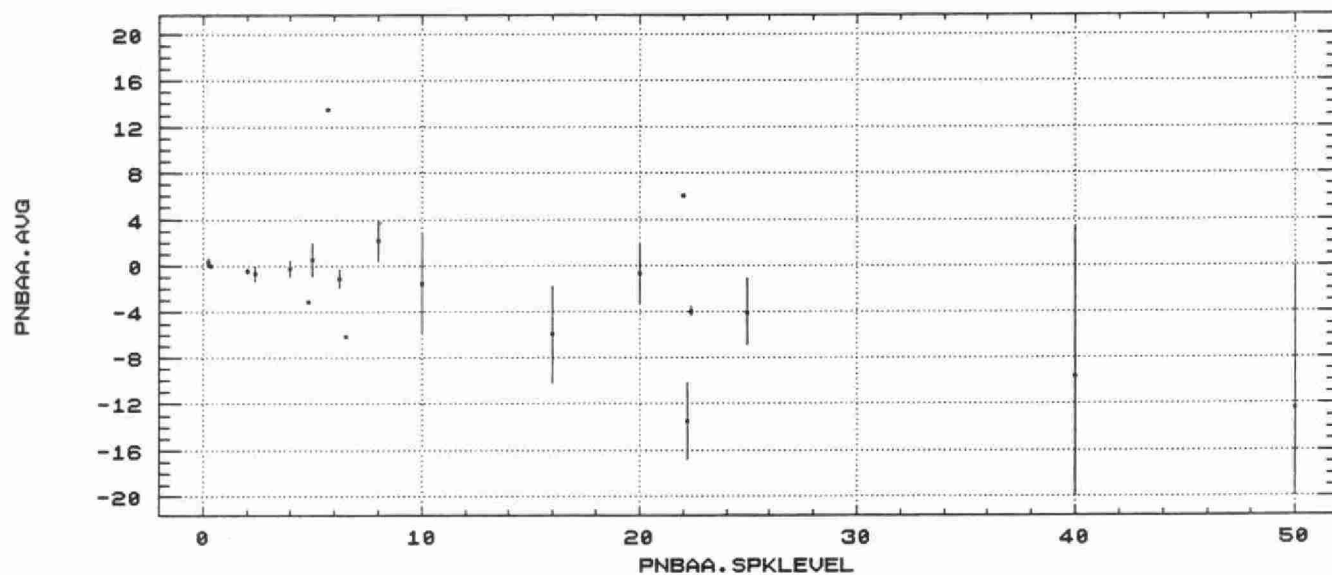
PNANTH05.DIFF



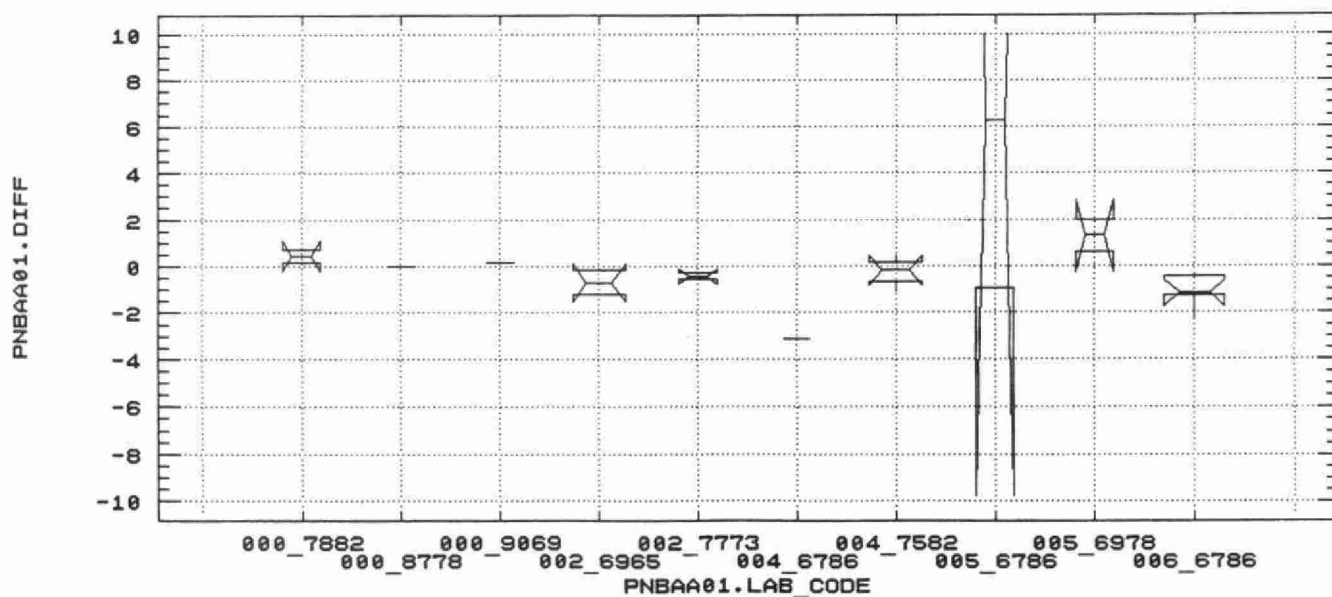
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TRAVELLING SPIKED BLANKS

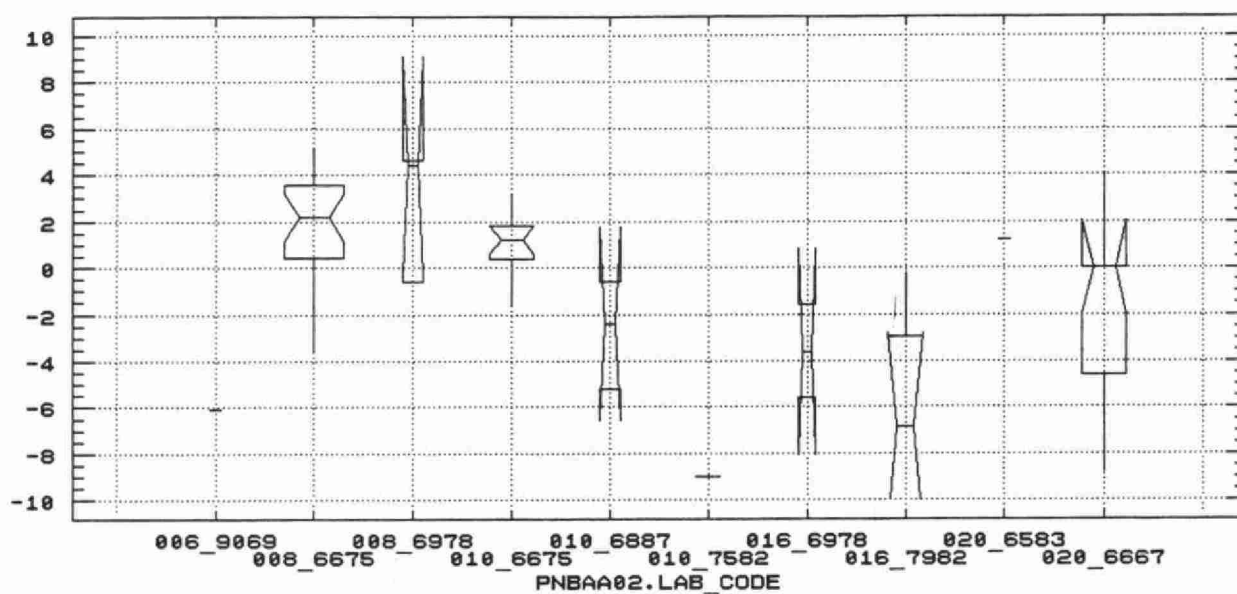


TRAVELLING SPIKED BLANKS



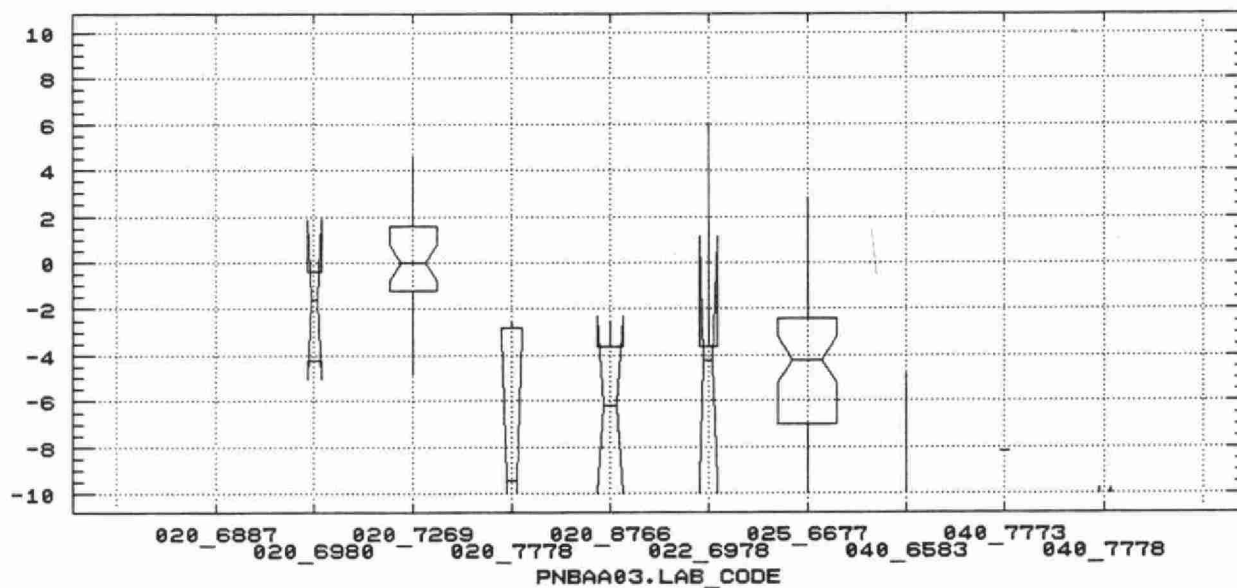
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PNBAA02.DIFF



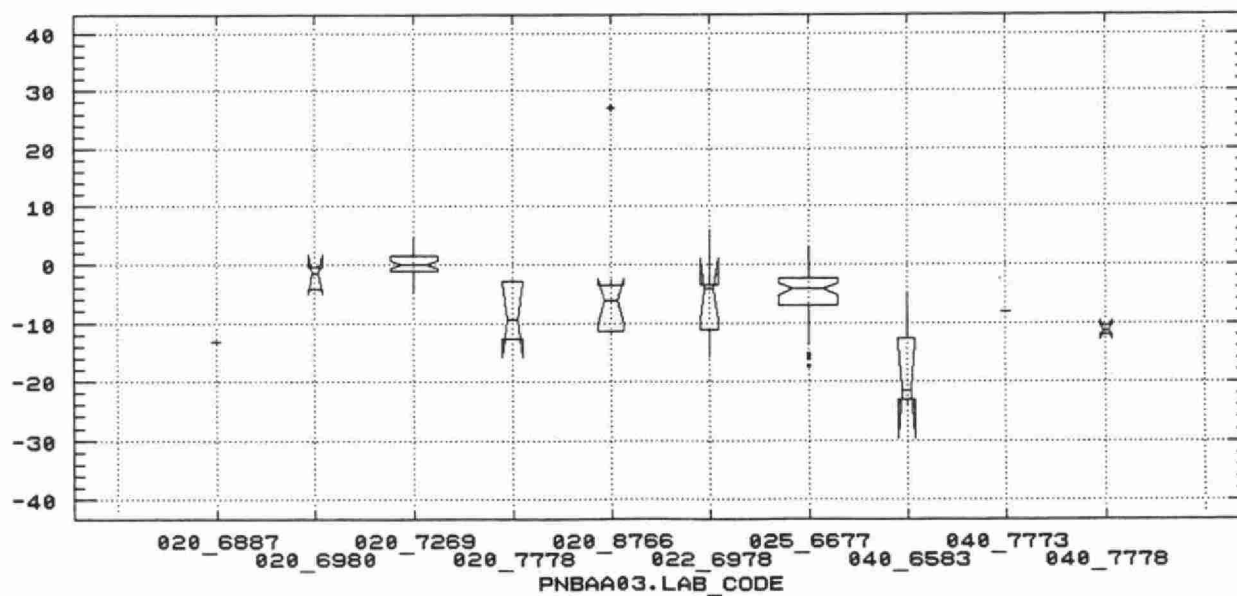
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PNBAA03.DIFF

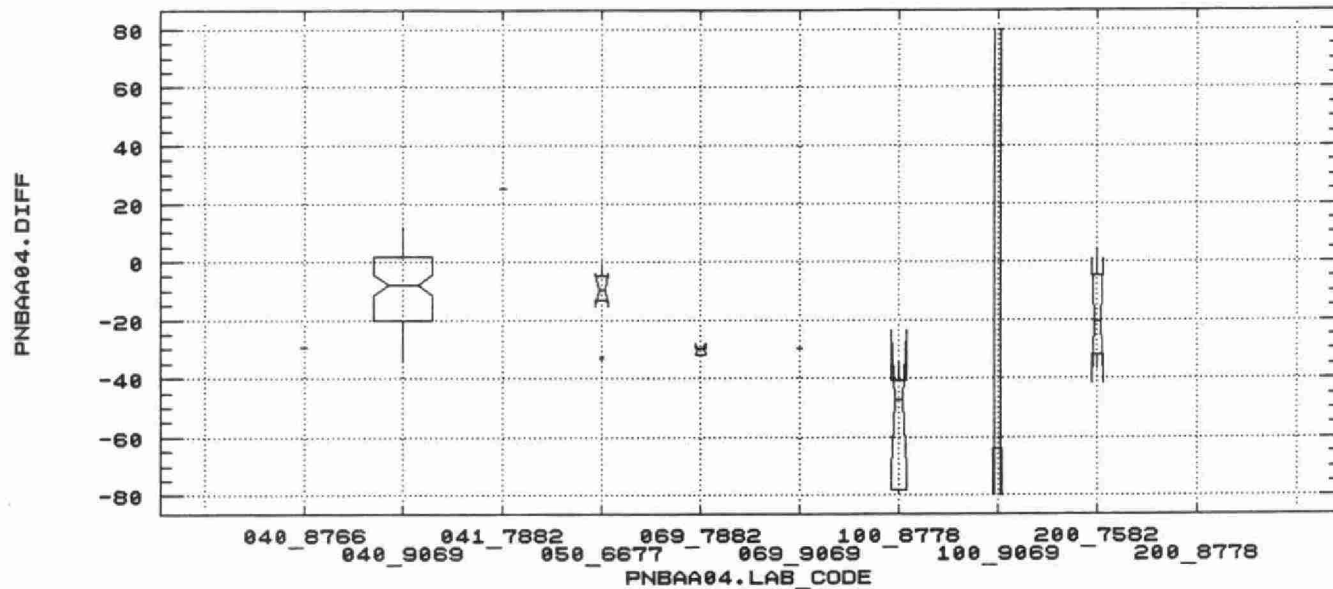


TRAVELLING SPIKED BLANKS

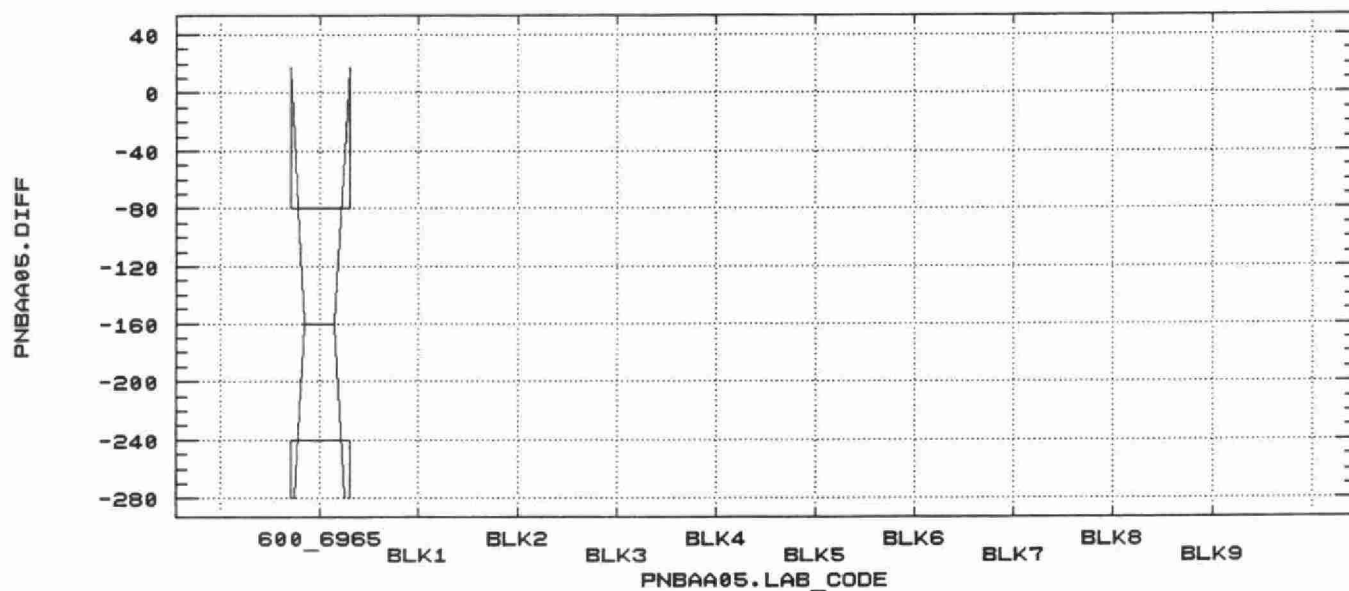
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TRAVELLING SPIKED BLANKS

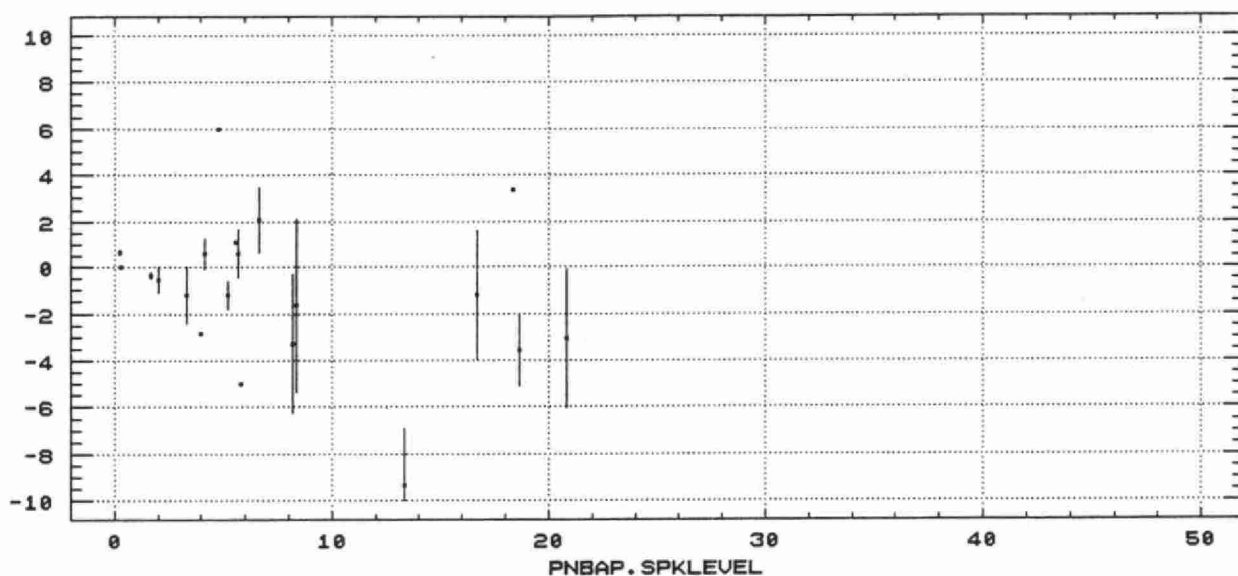


TRAVELLING SPIKED BLANKS



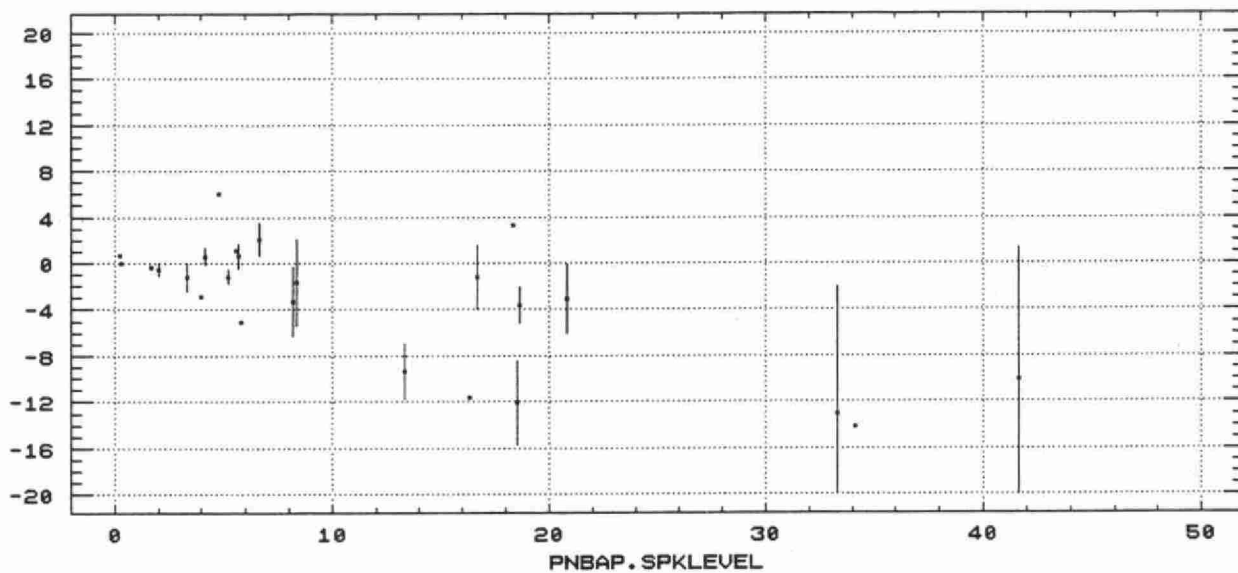
TRAVELLING SPIKED BLANKS

PNBAP.AUG



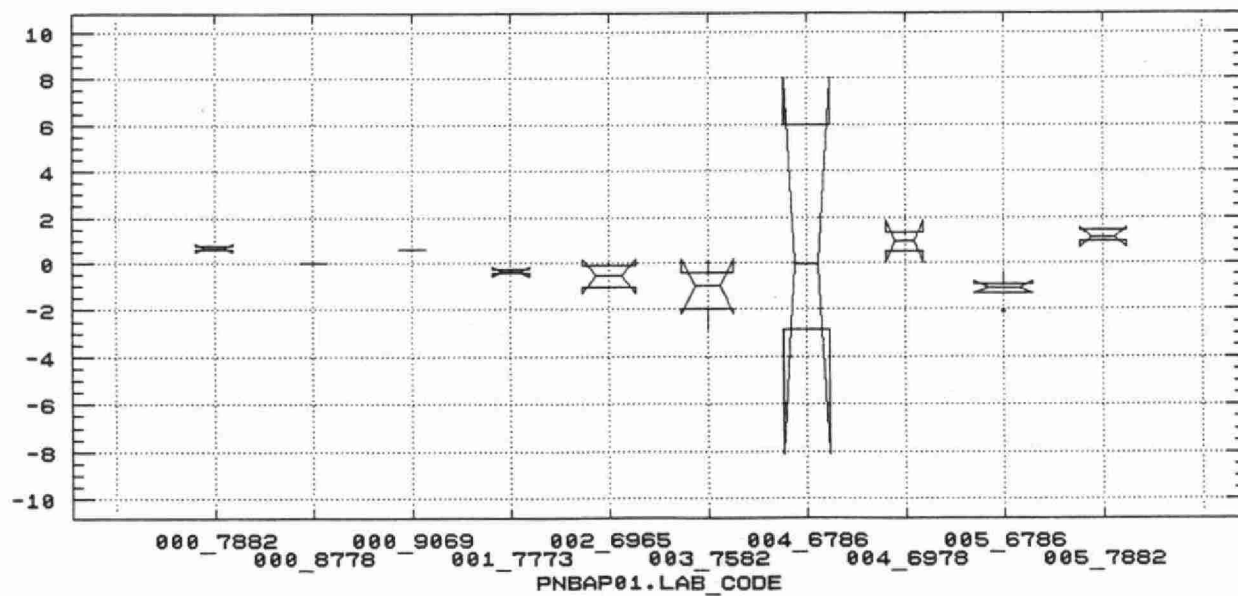
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PNBAP.AUG



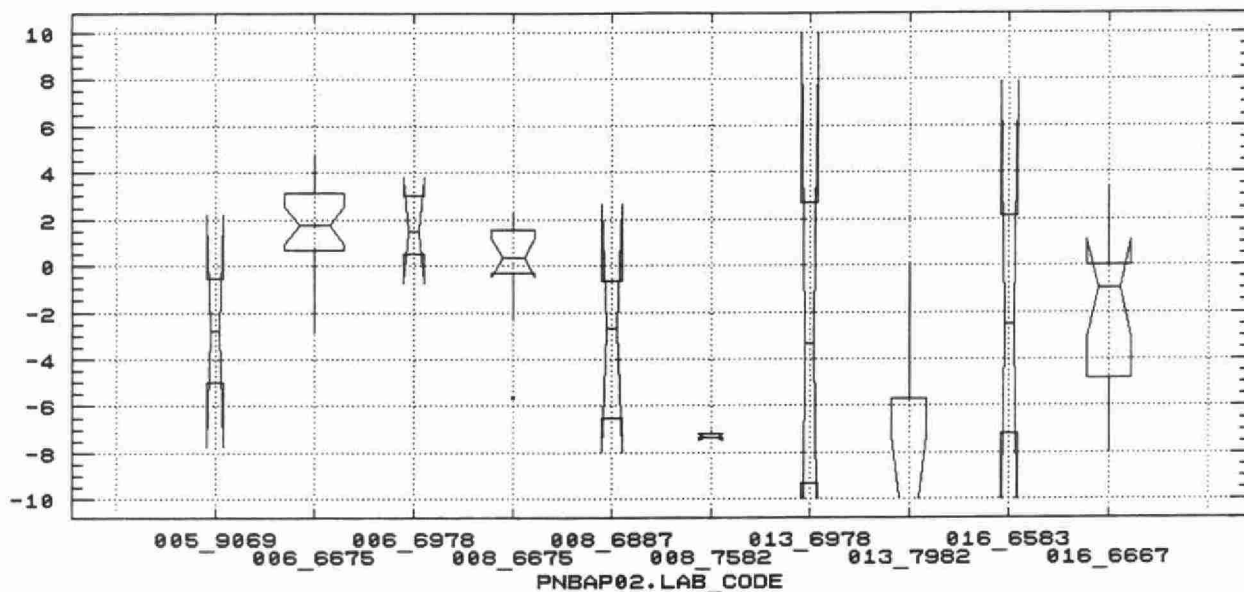
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PNBAP01.DIFF



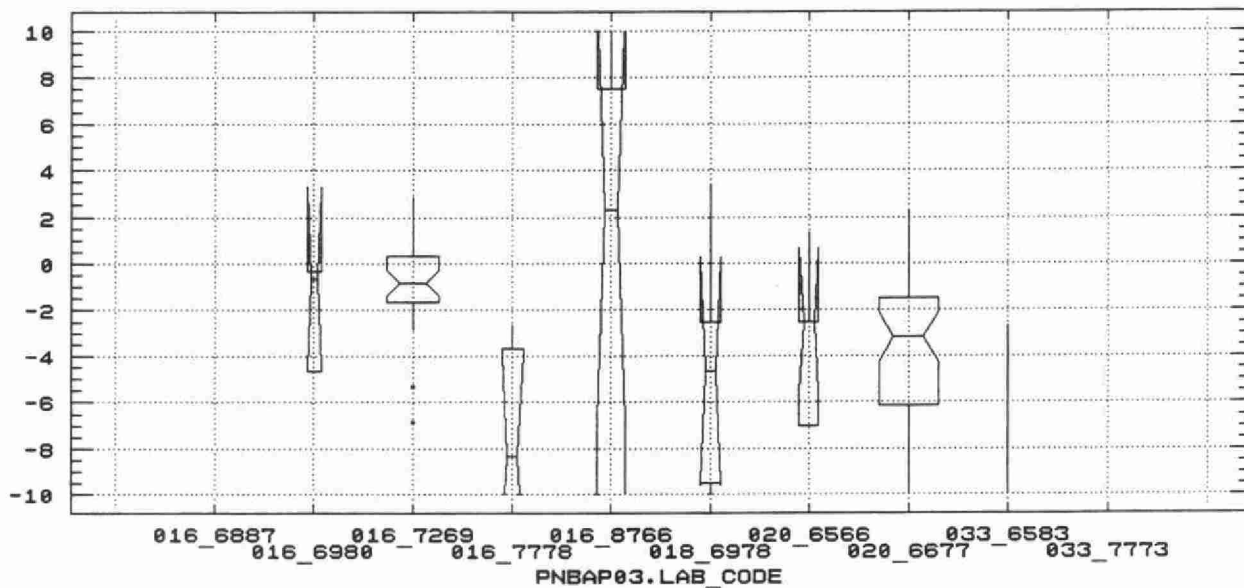
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PNBAP02.DIFF



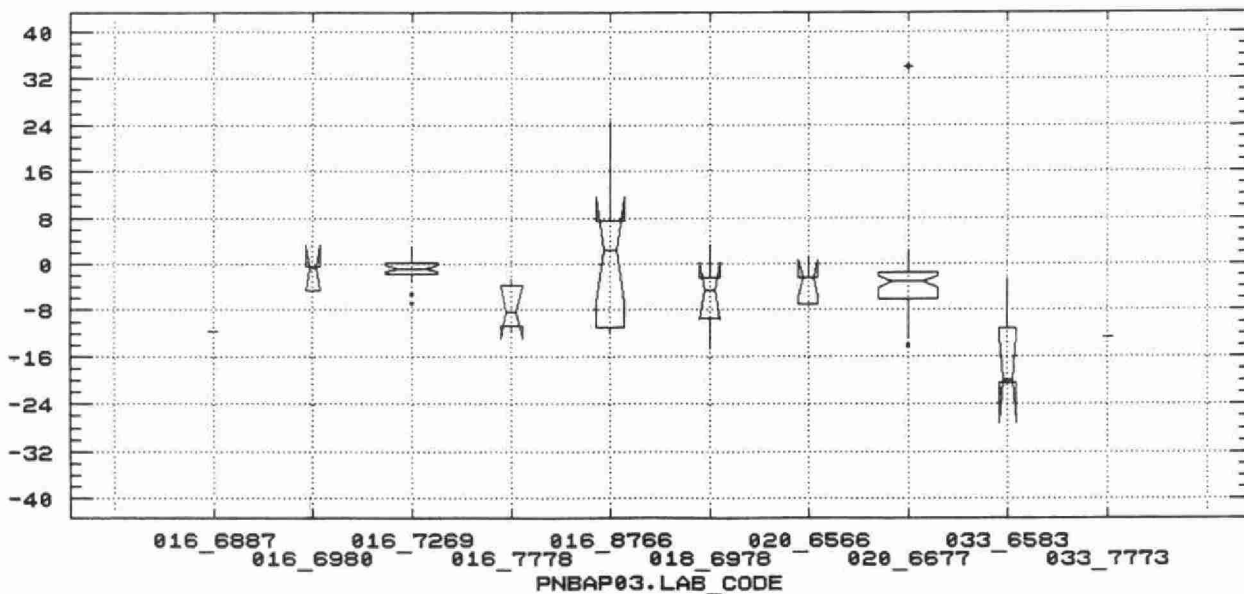
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PNBAP03.DIFF

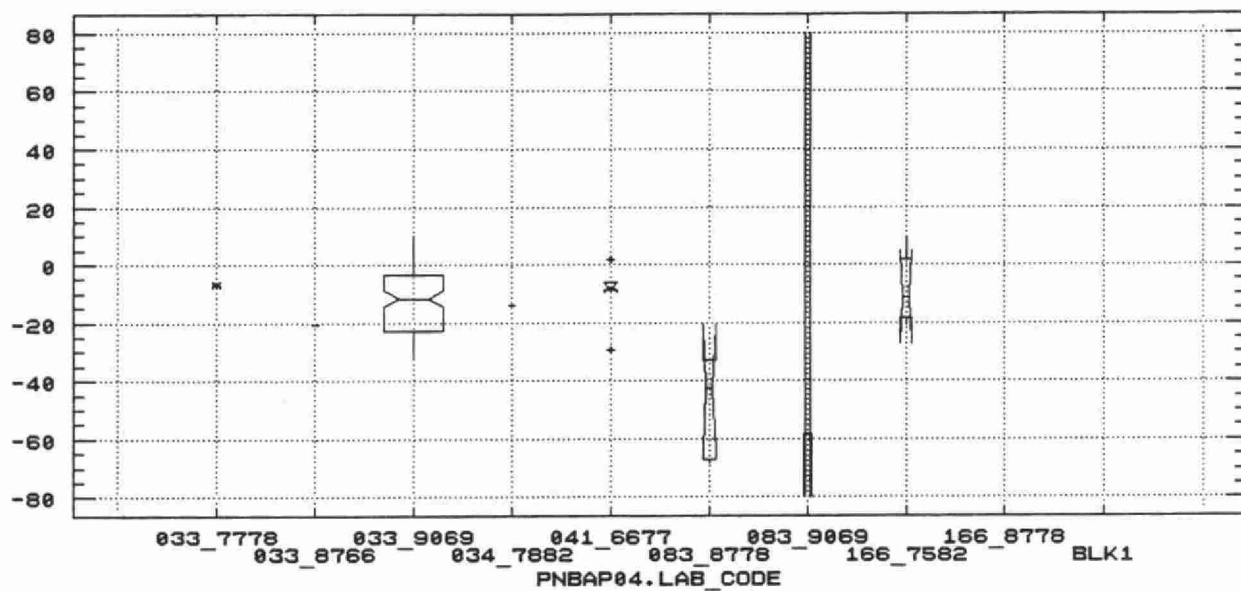


TRAVELLING SPIKED BLANKS

PNBAP03.DIFF

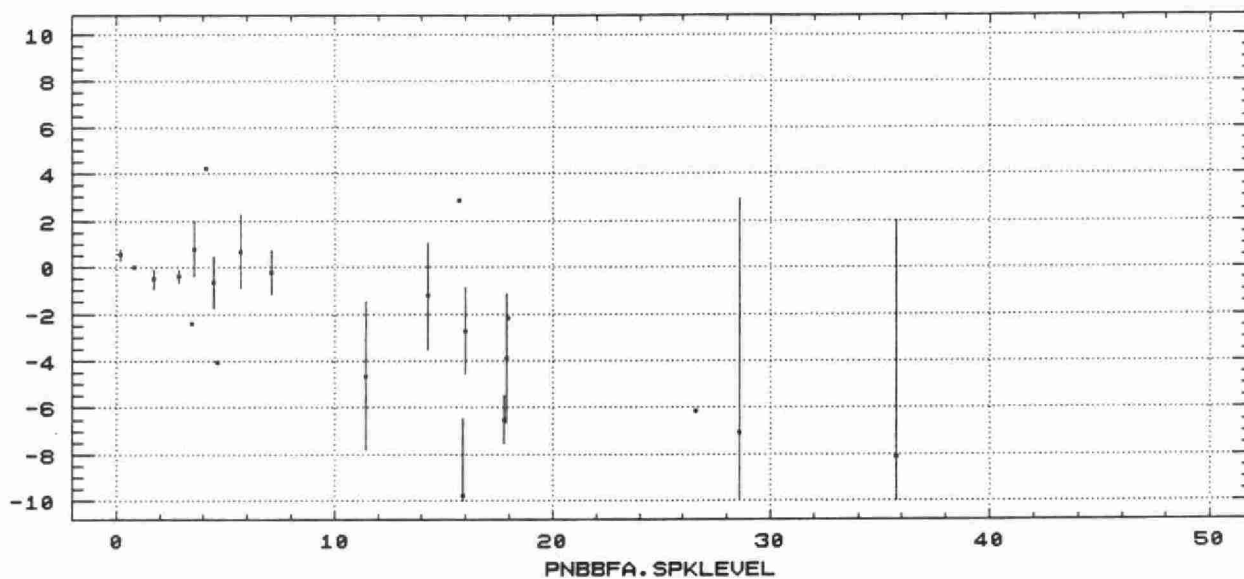


PNBAP04.DIFF



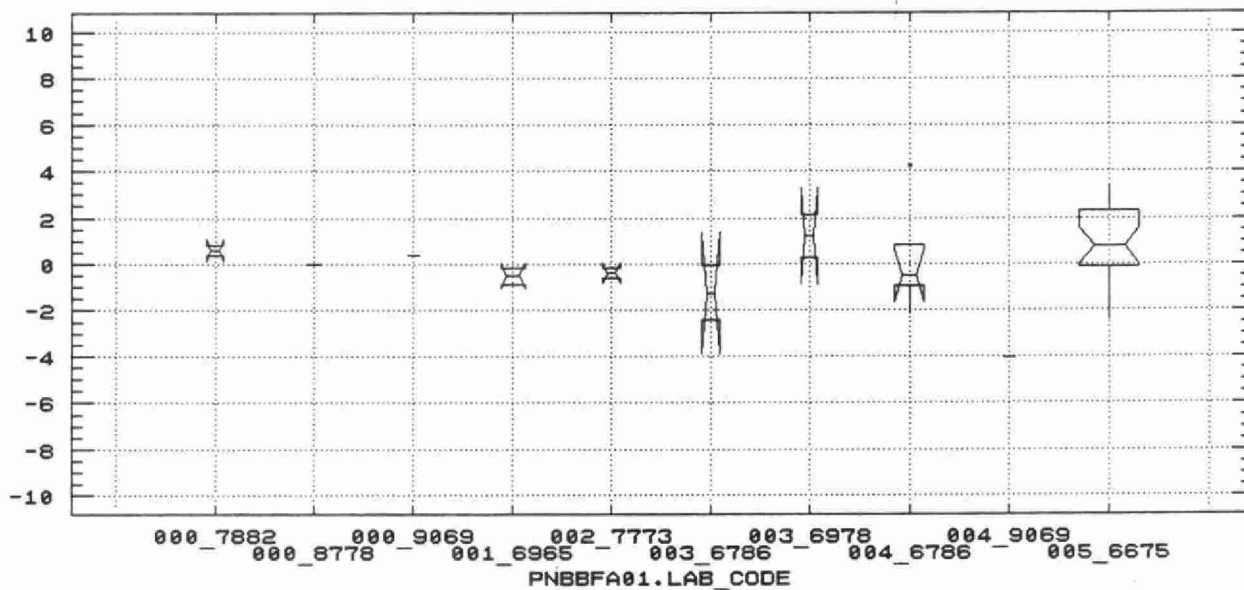
TRAVELLING SPIKED BLANKS

PNBBFA.AVG



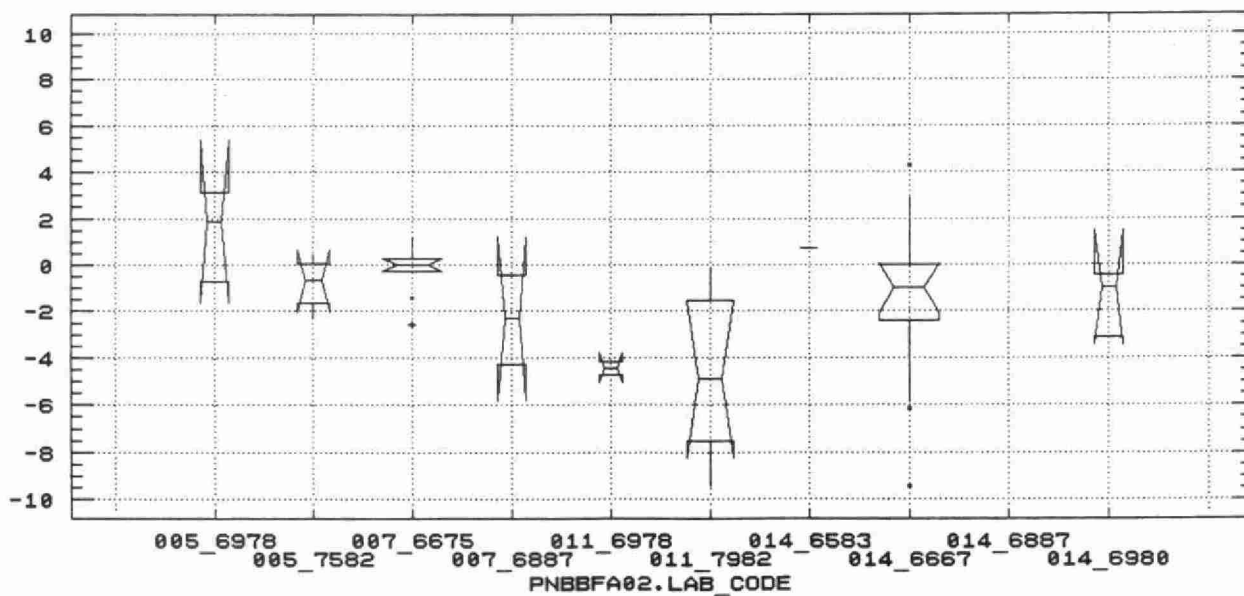
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PNBBFA01.DIFF



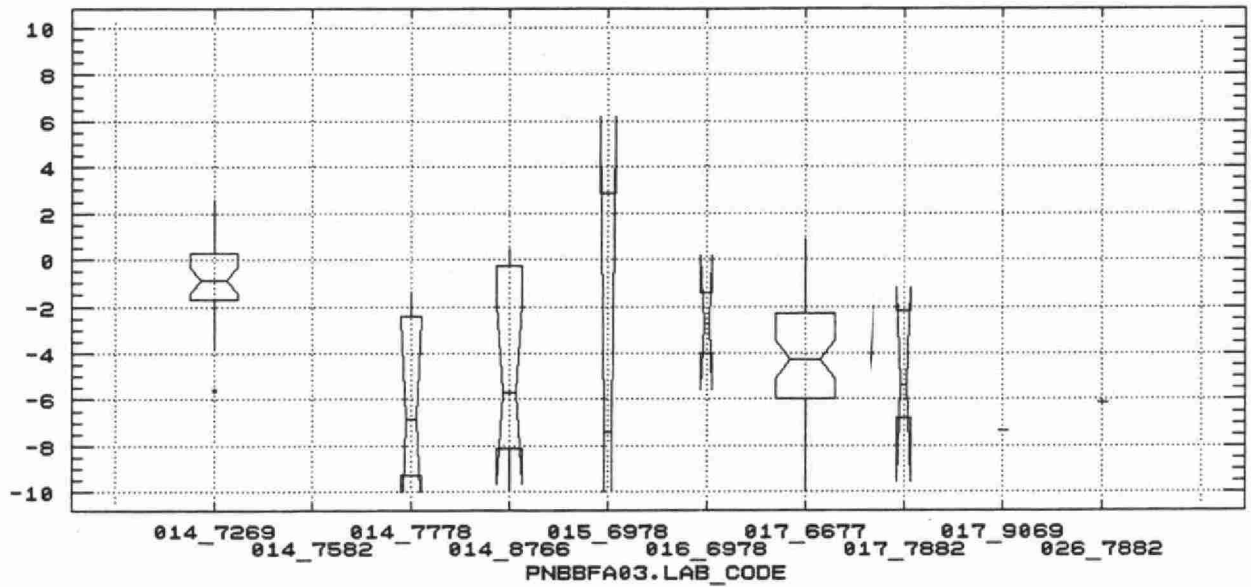
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PNBBFA02.DIFF



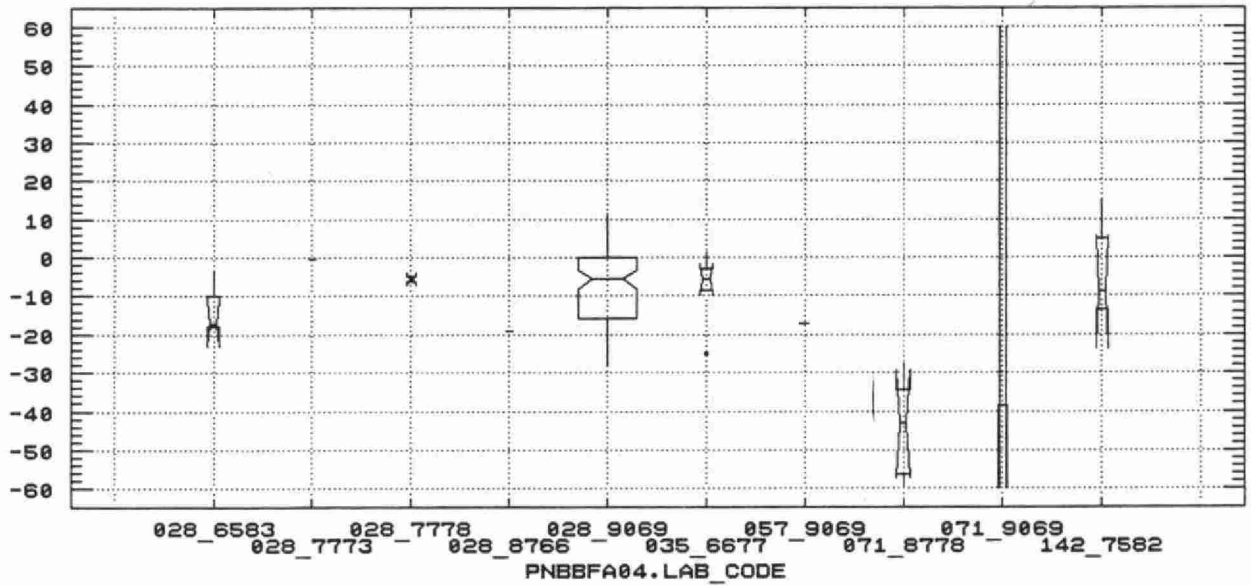
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PNBBFA03.DIFF



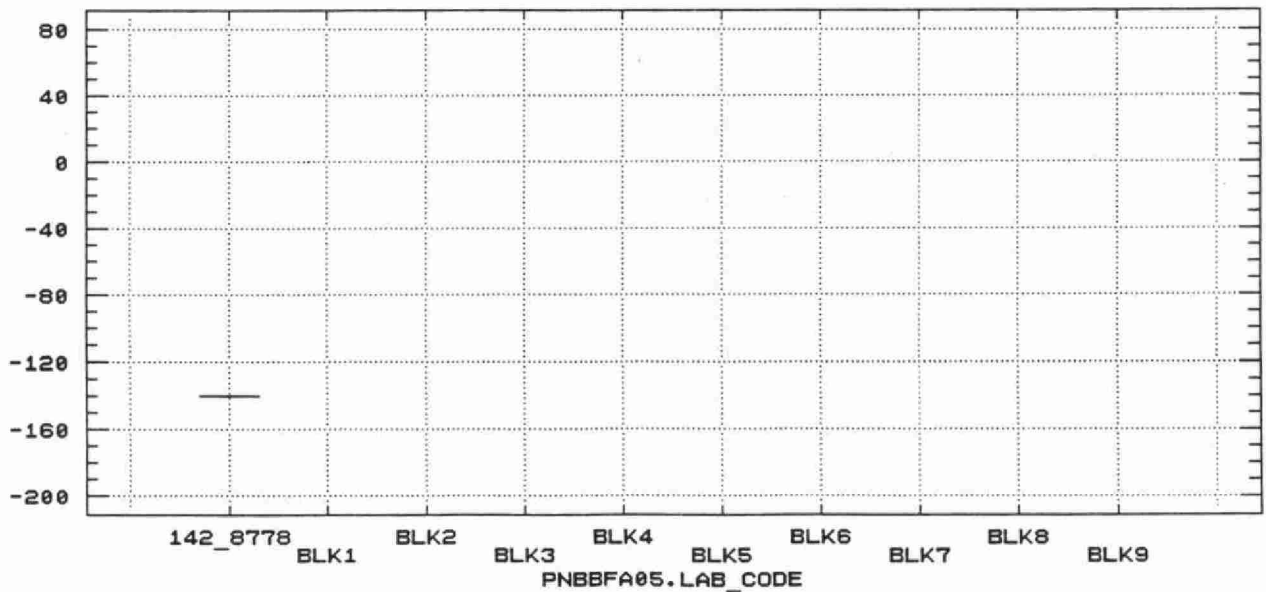
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PNBBFA04.DIFF



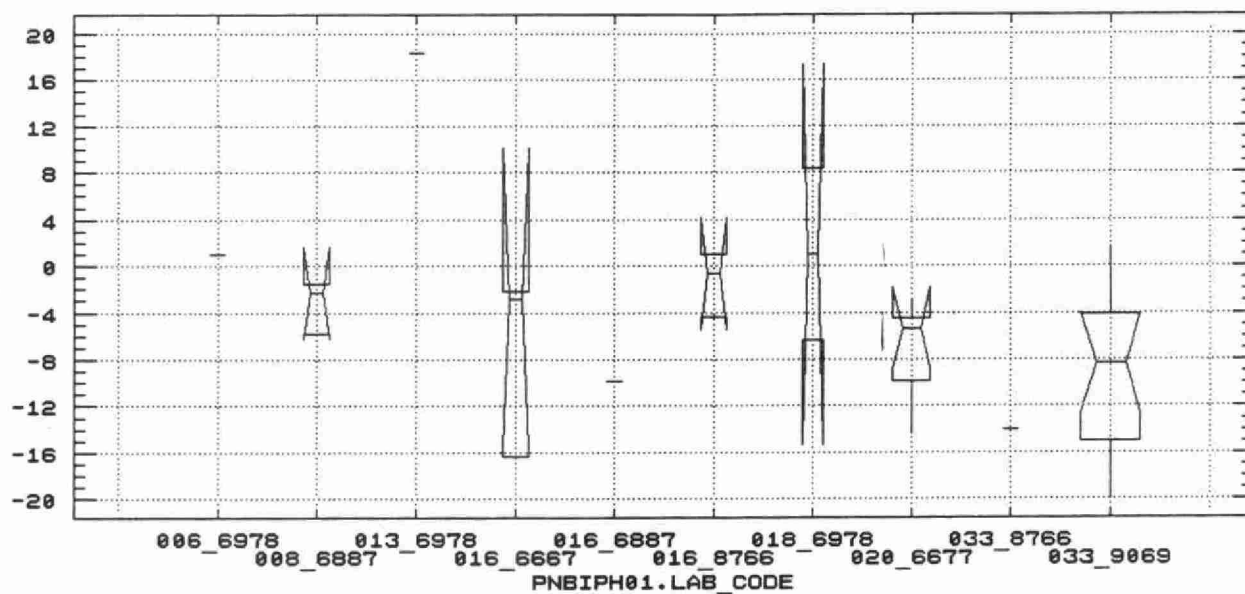
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PNBBFA05.DIFF



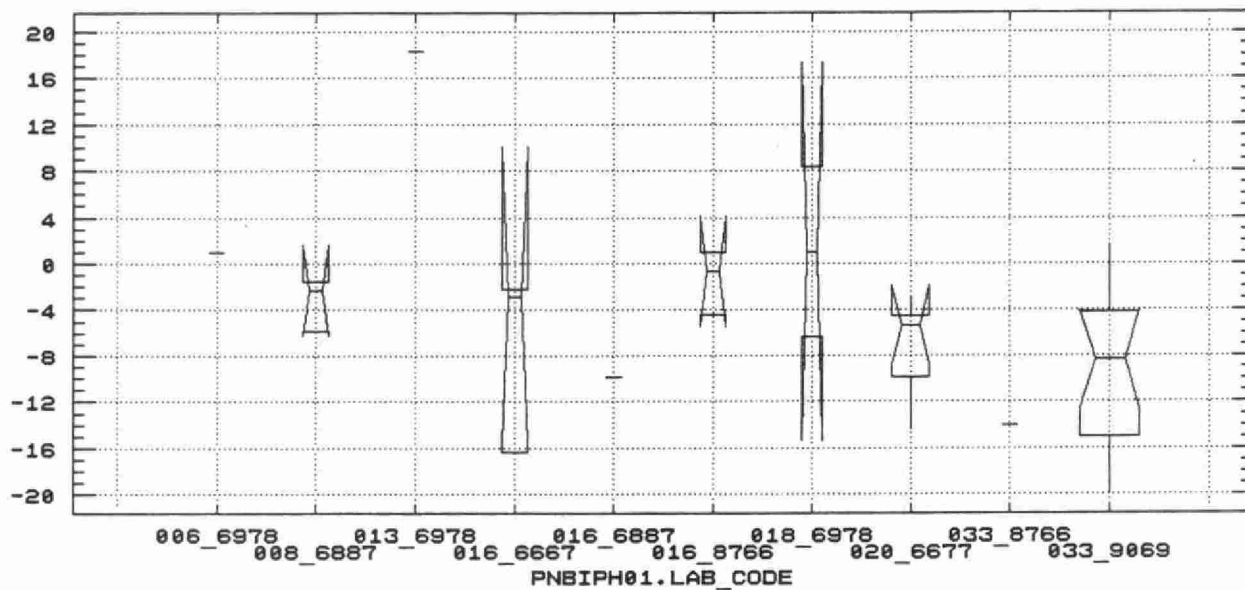
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PNBIPH01.DIFF



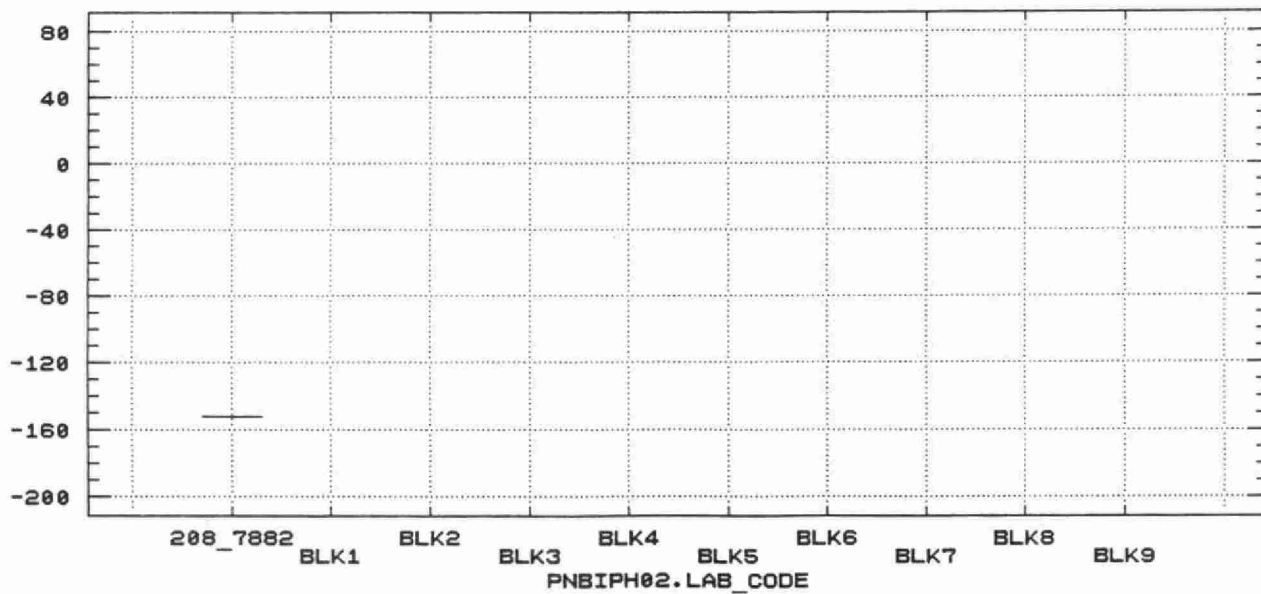
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PNBIPH01.DIFF



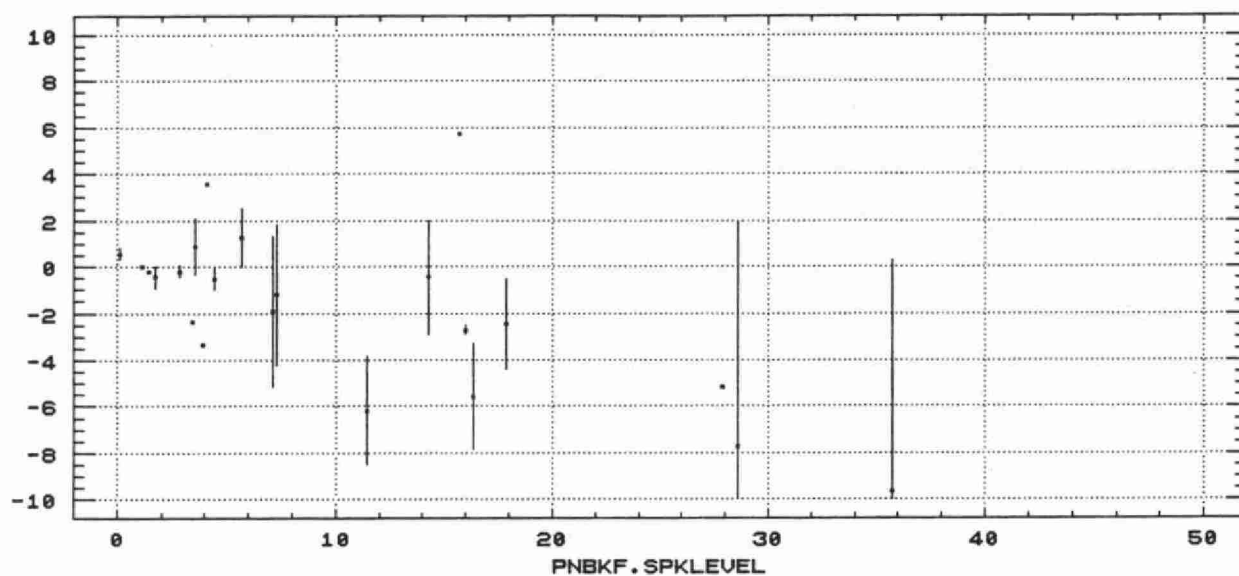
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PNBIPH02.DIFF



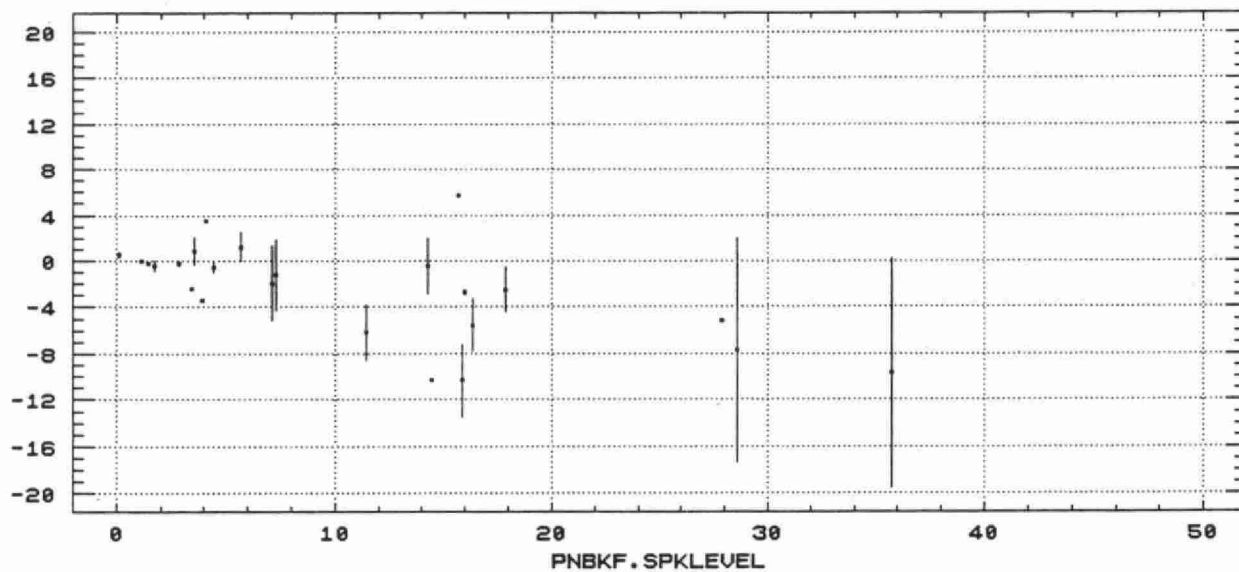
TRAVELLING SPIKED BLANKS

PNBKF.AUG



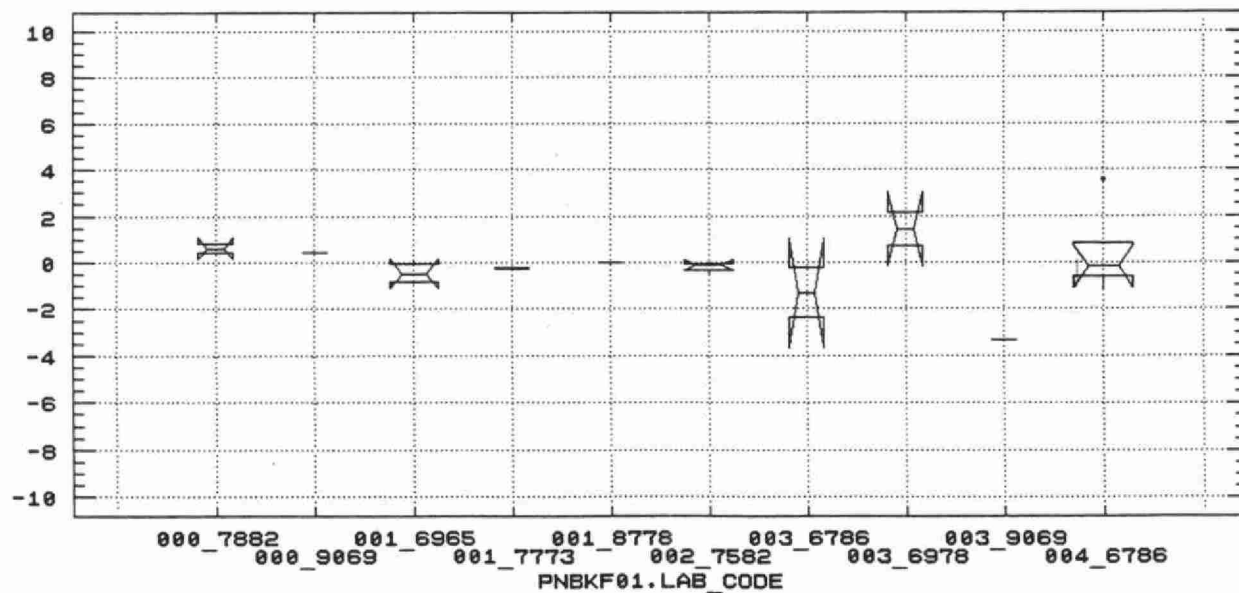
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PNBKF.AUG



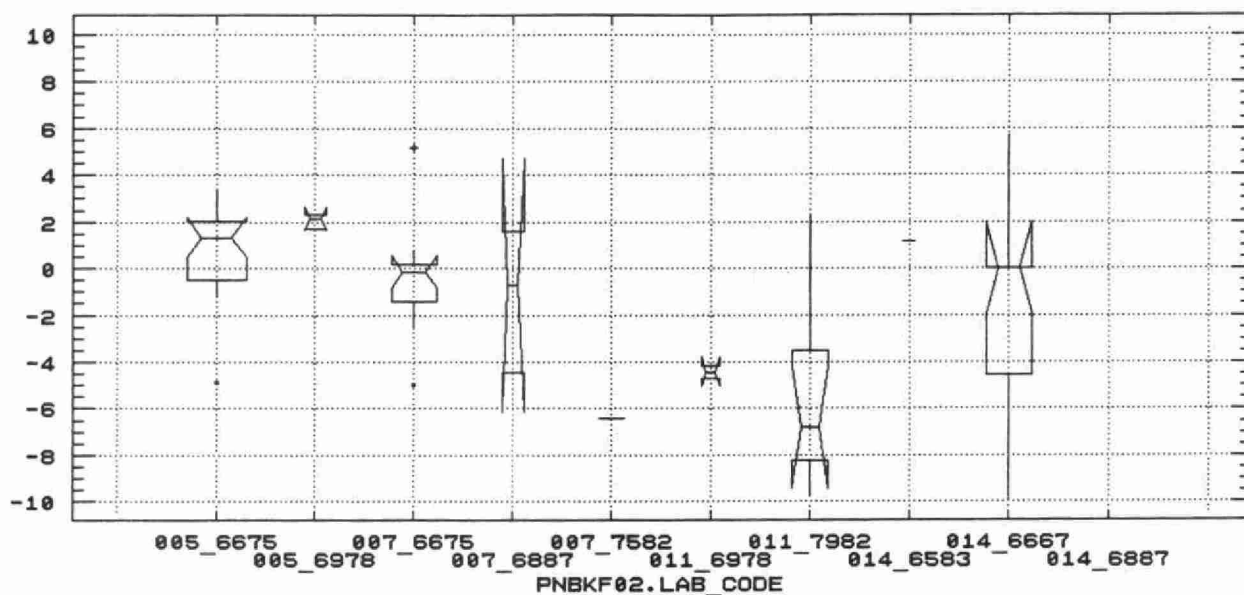
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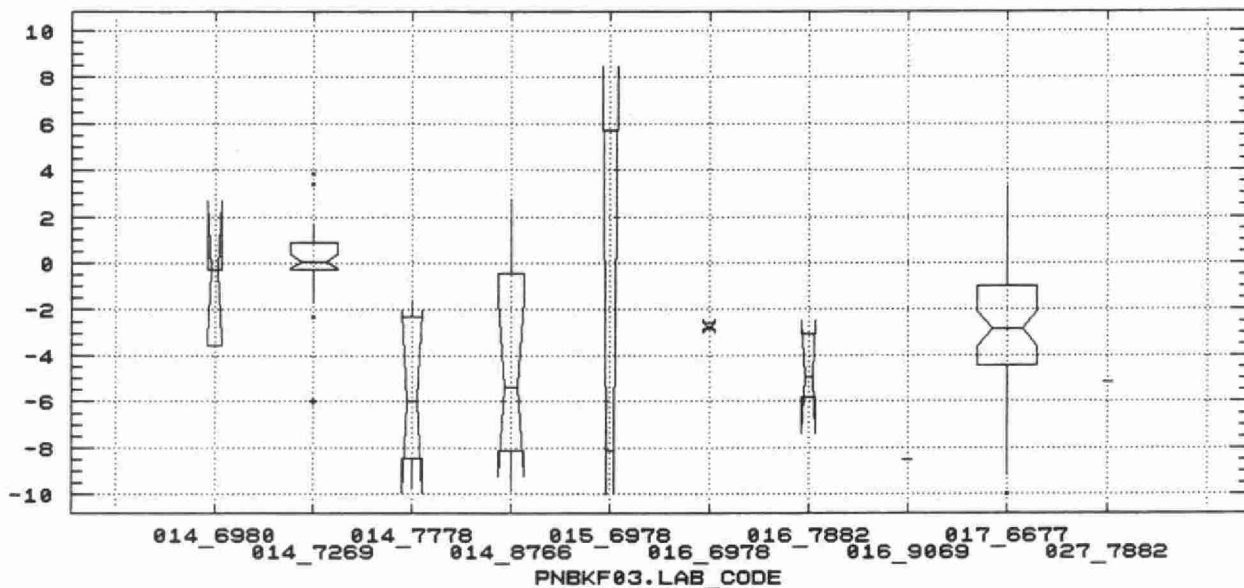
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PNBKF02.DIFF



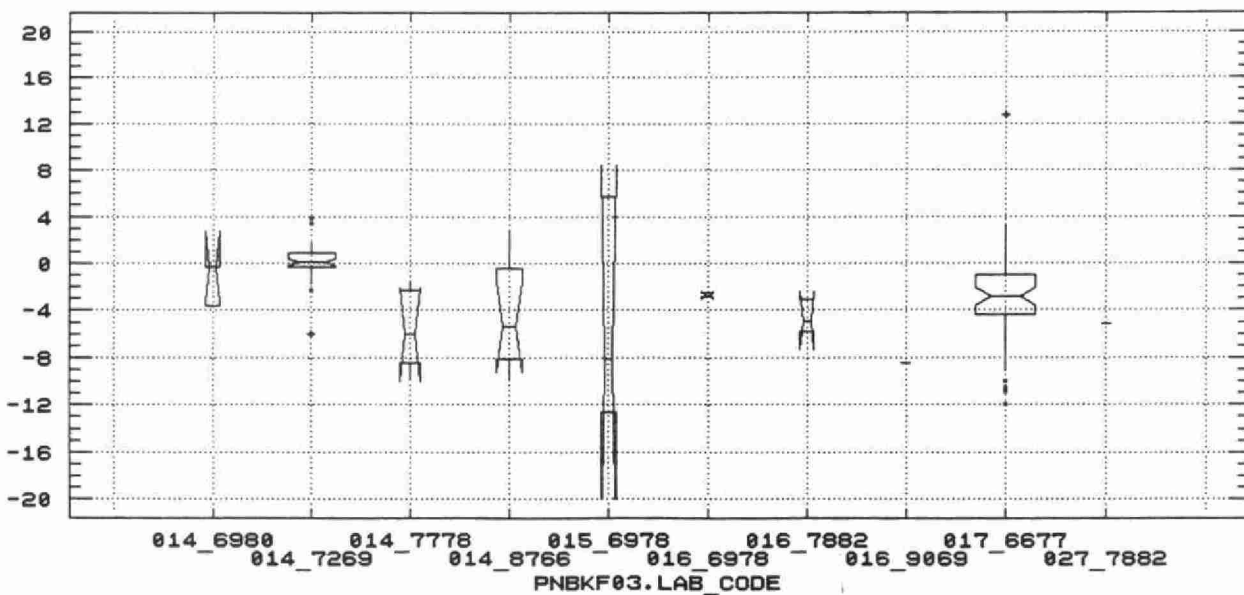
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PNBKF03.DIFF



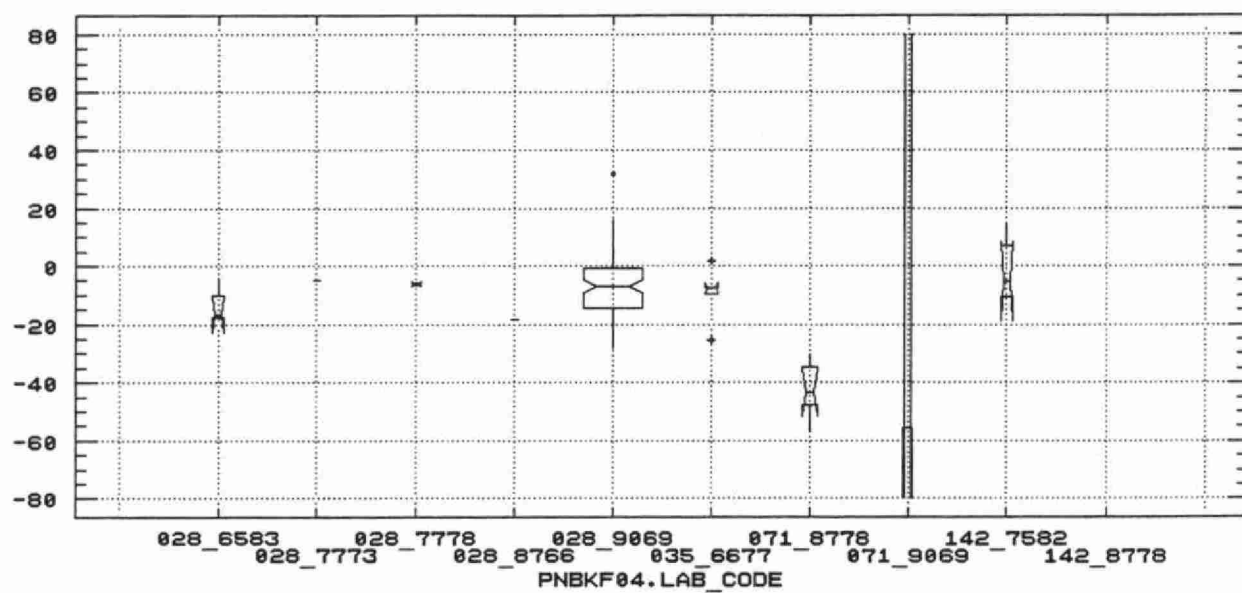
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PNBKF03.DIFF



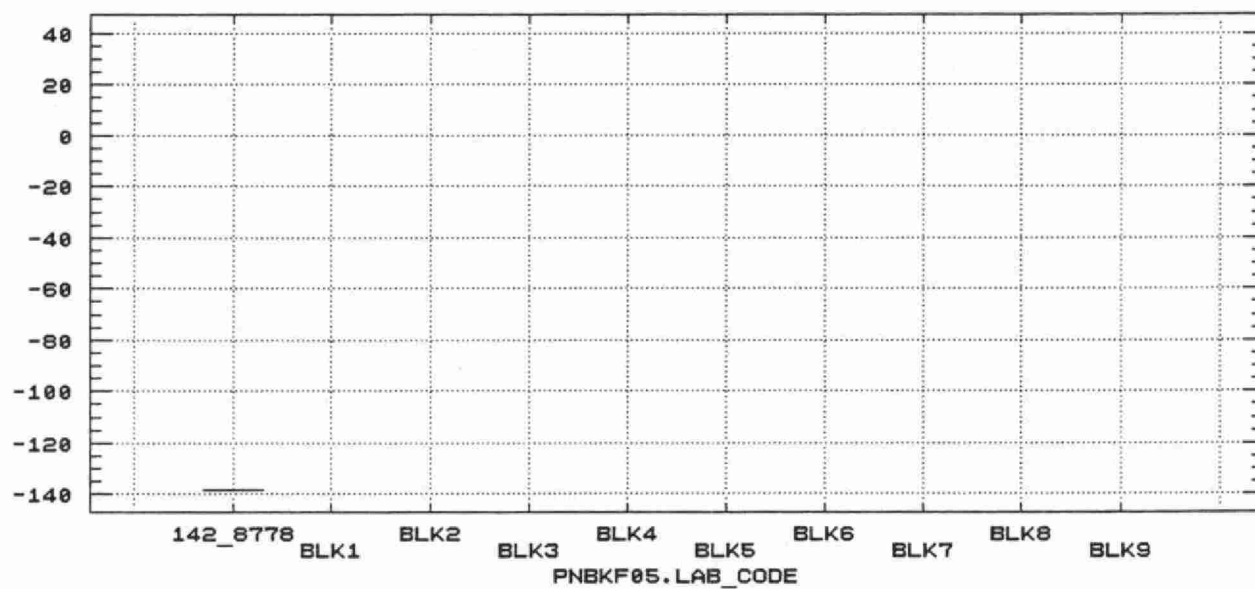
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PNBKF04.DIFF

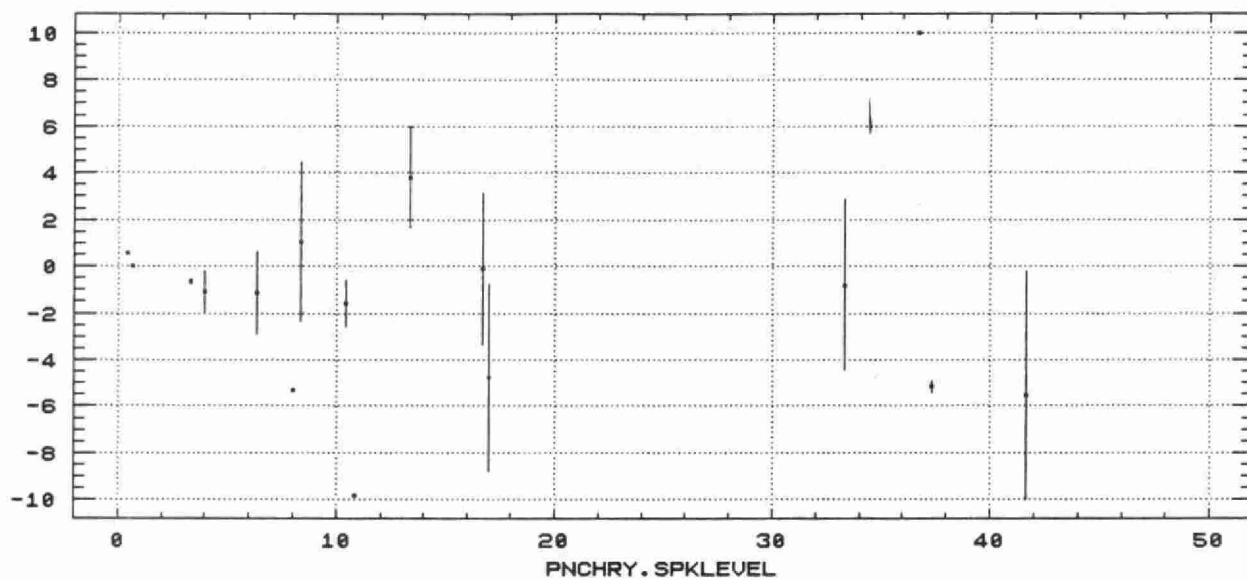


TRAVELLING SPIKED BLANKS

PNBKF05.DIFF

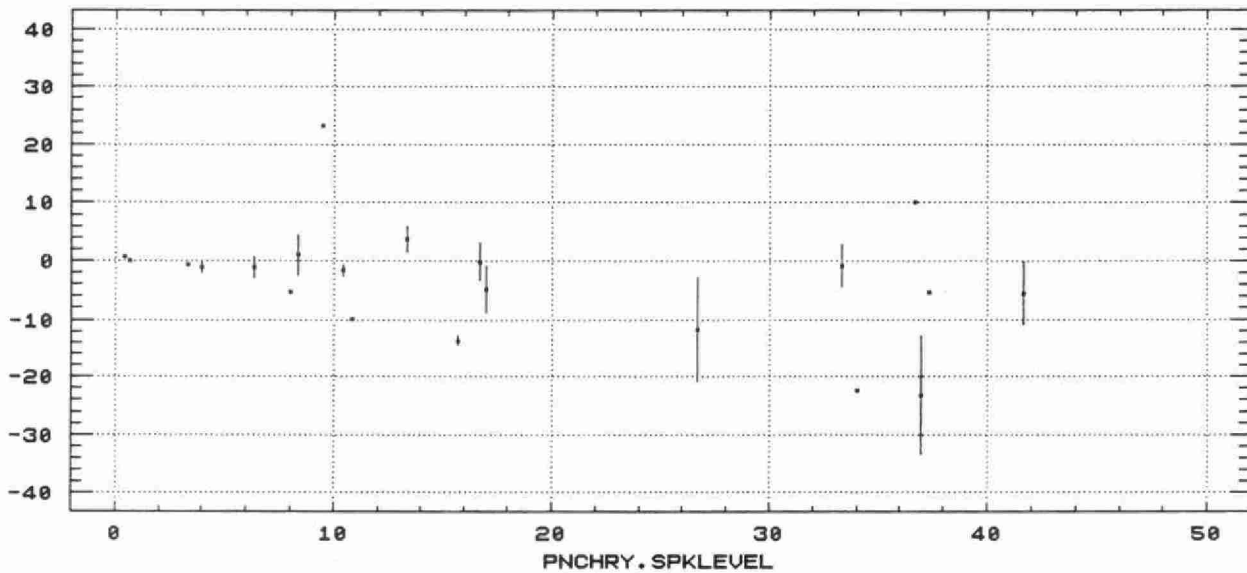


PNCHRY.AUG



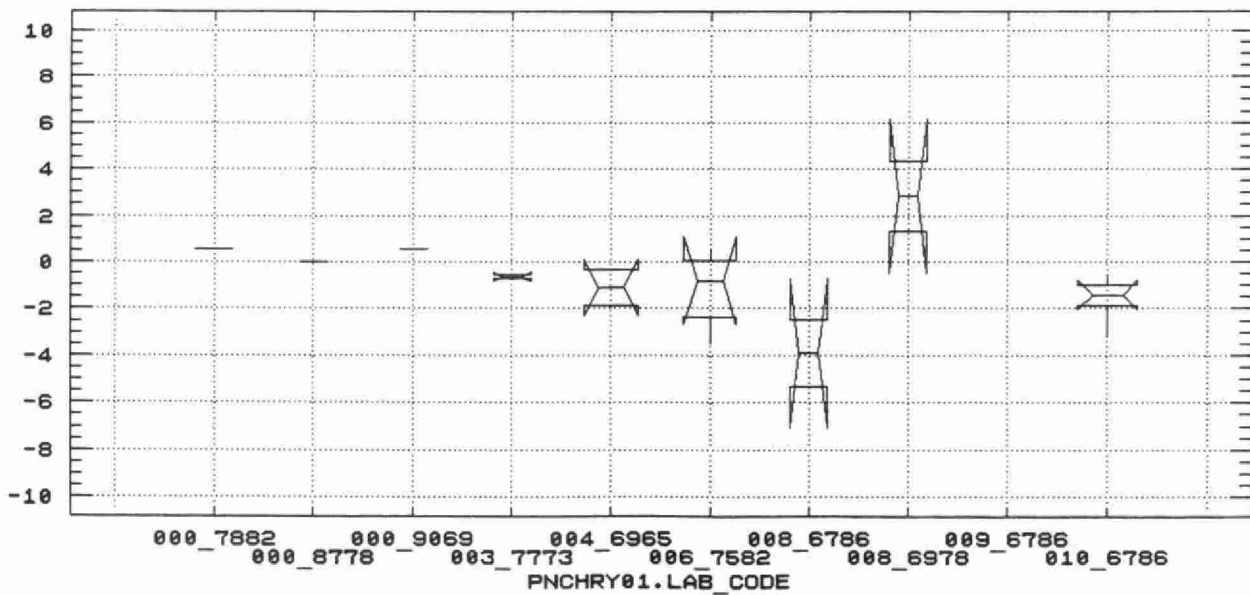
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PNCHRY.AUG



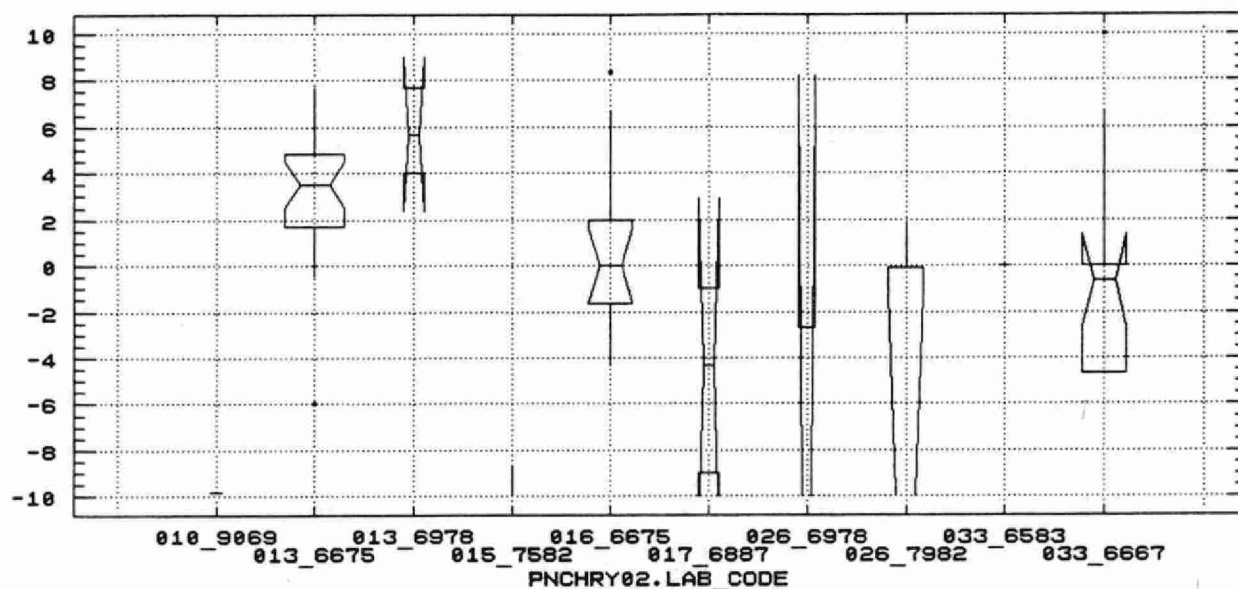
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PNCHRY01.DIFF



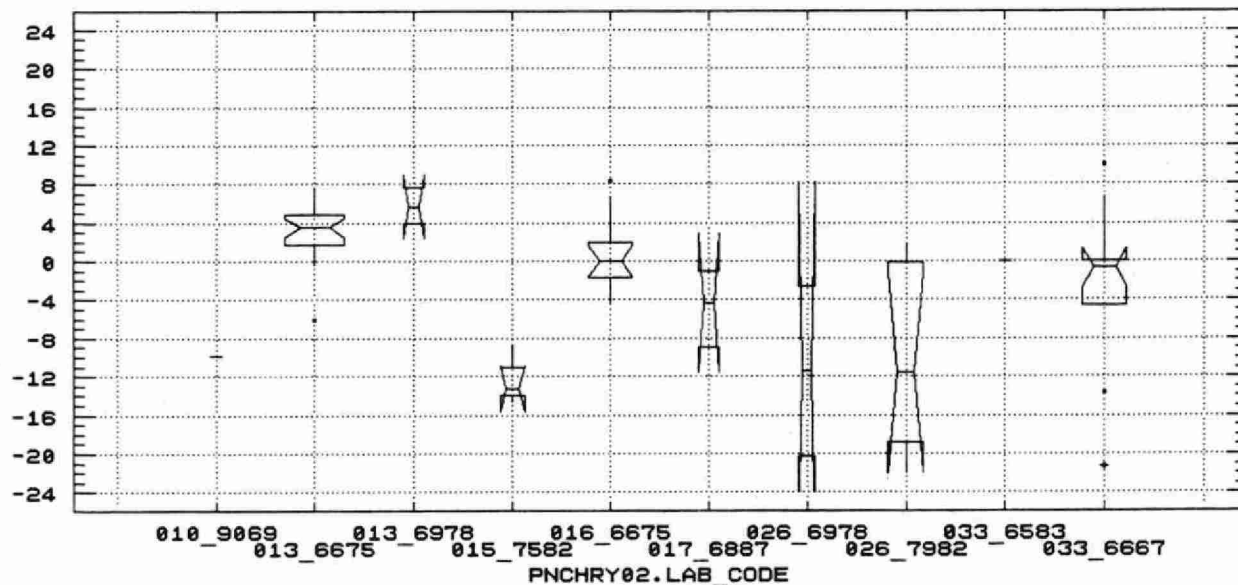
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PNCHRY02.DIFF



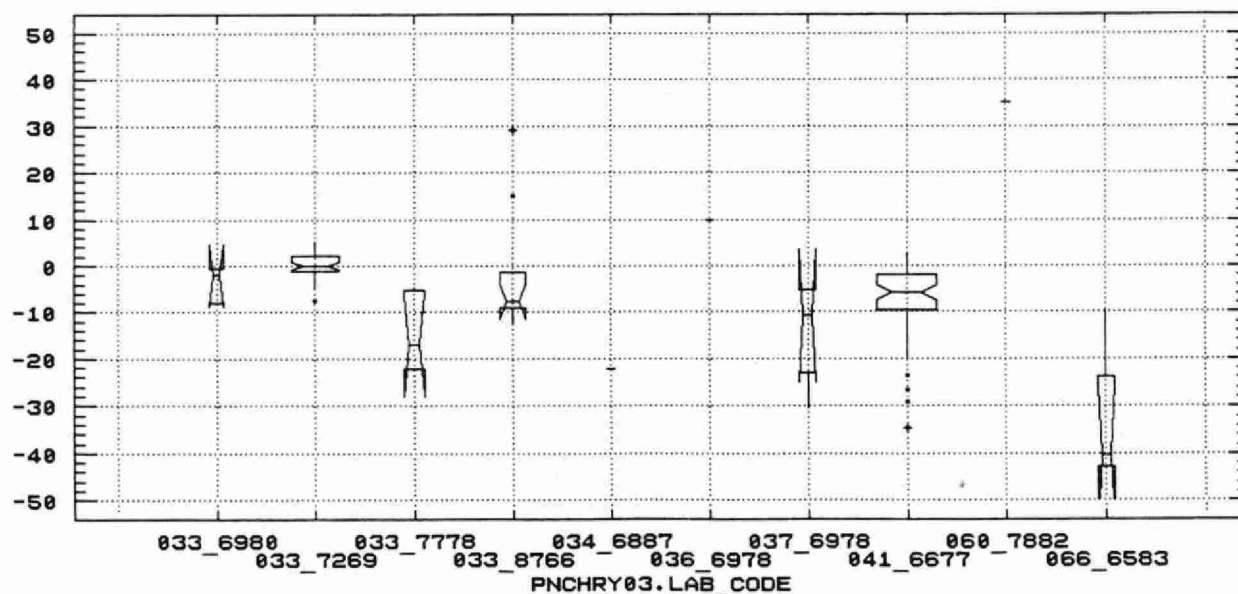
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PNCHRY02.DIFF



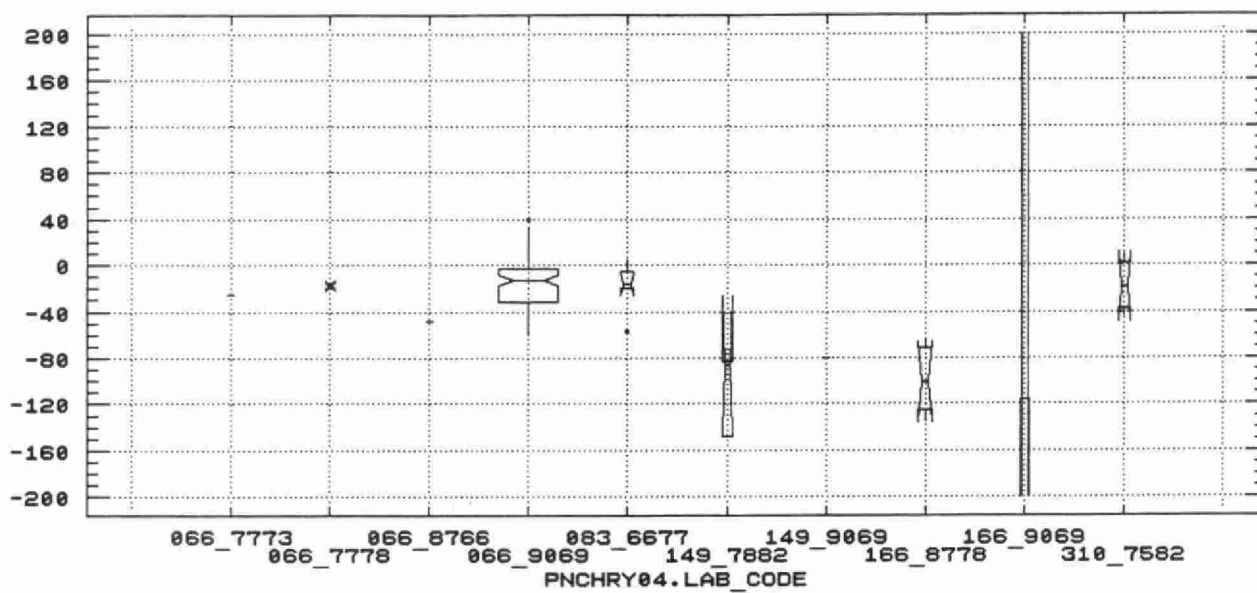
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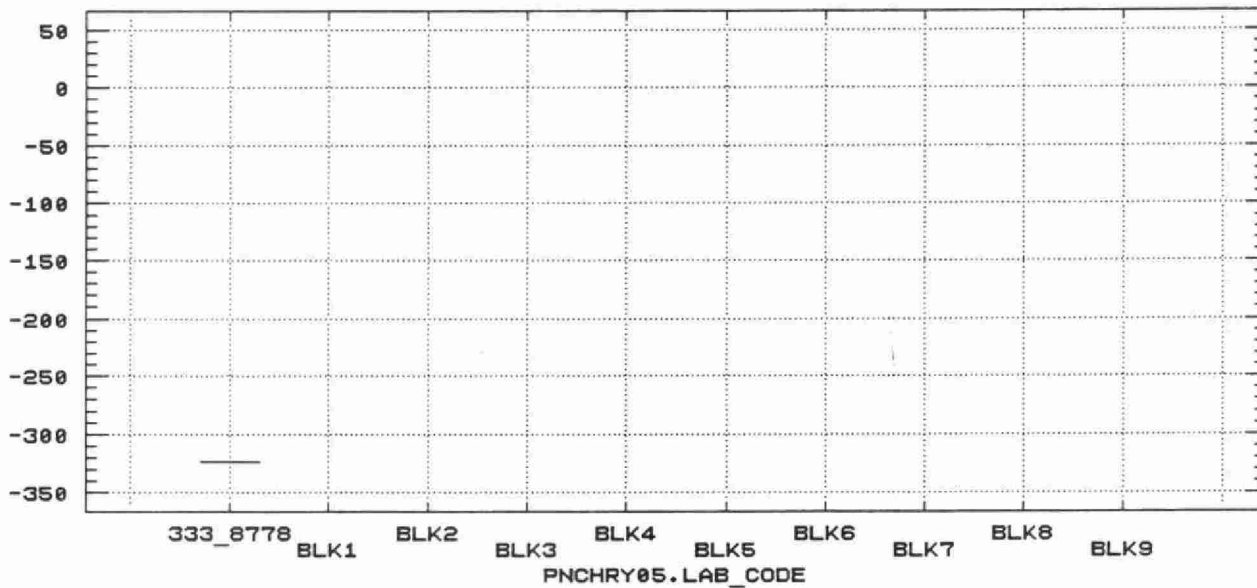
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PNCHRY04.DIFF



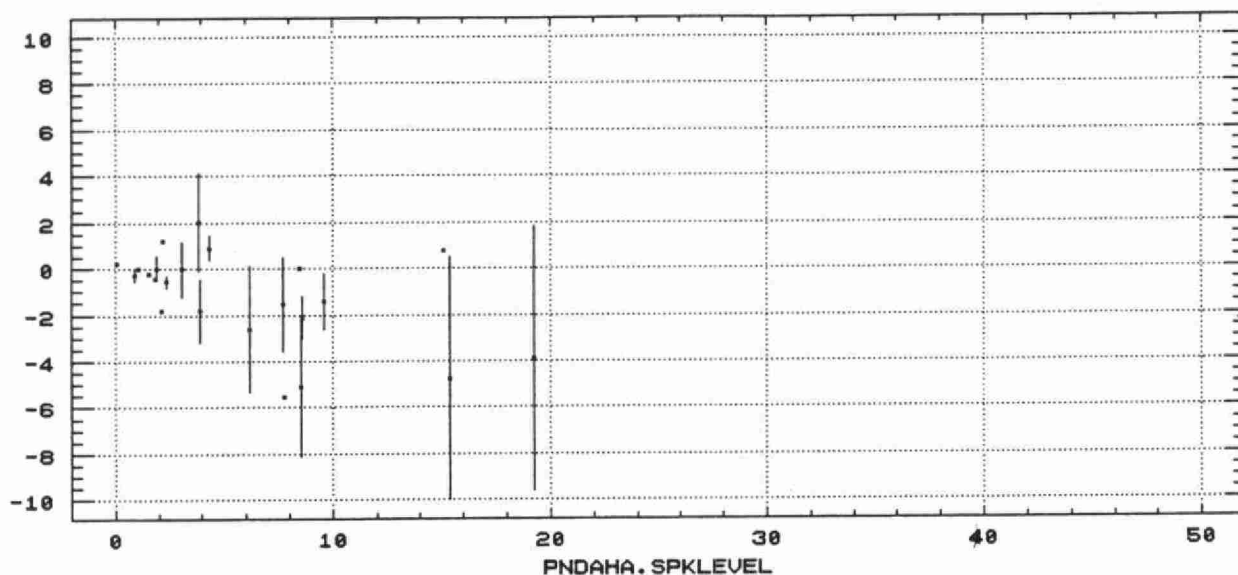
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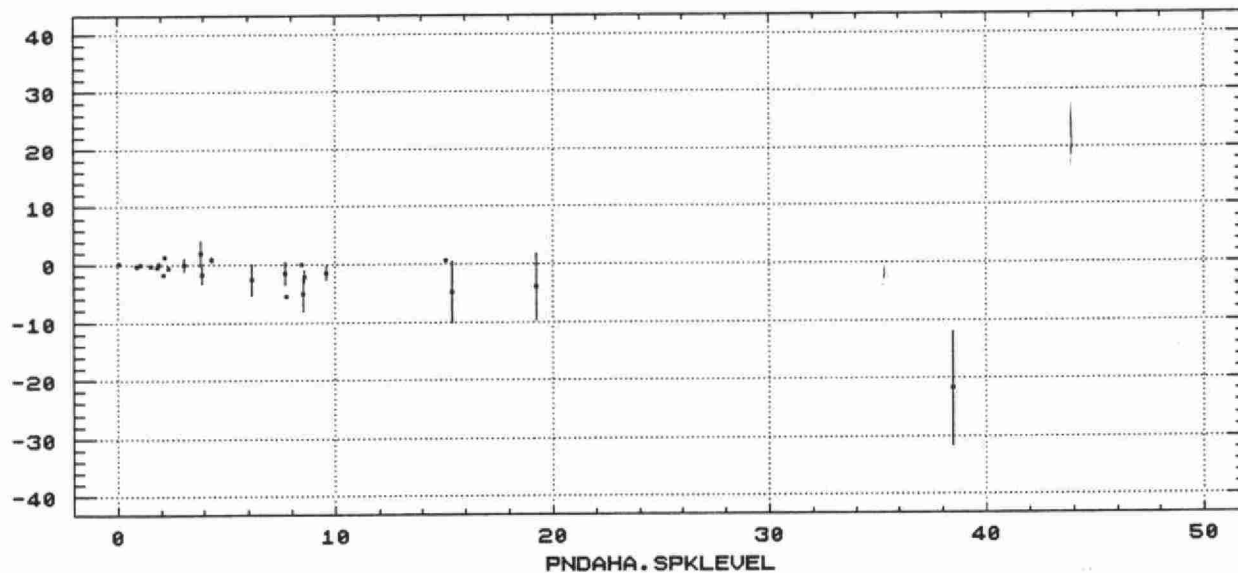
TRAVELLING SPIKED BLANKS

PNDAAH.AVG



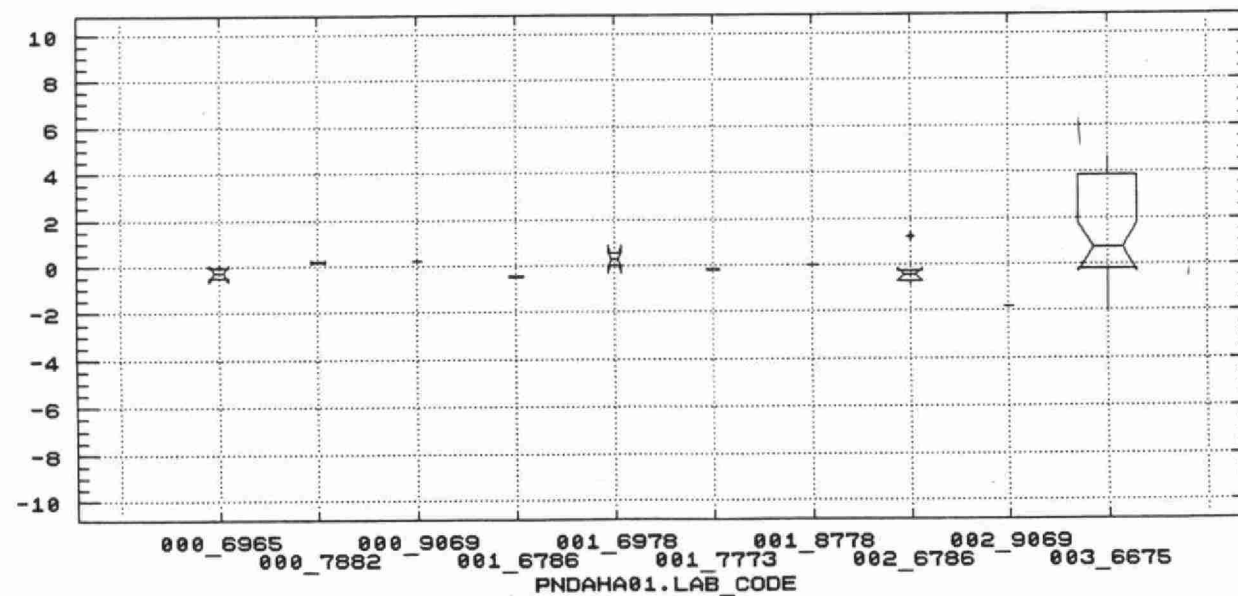
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PNDAAH.AVG



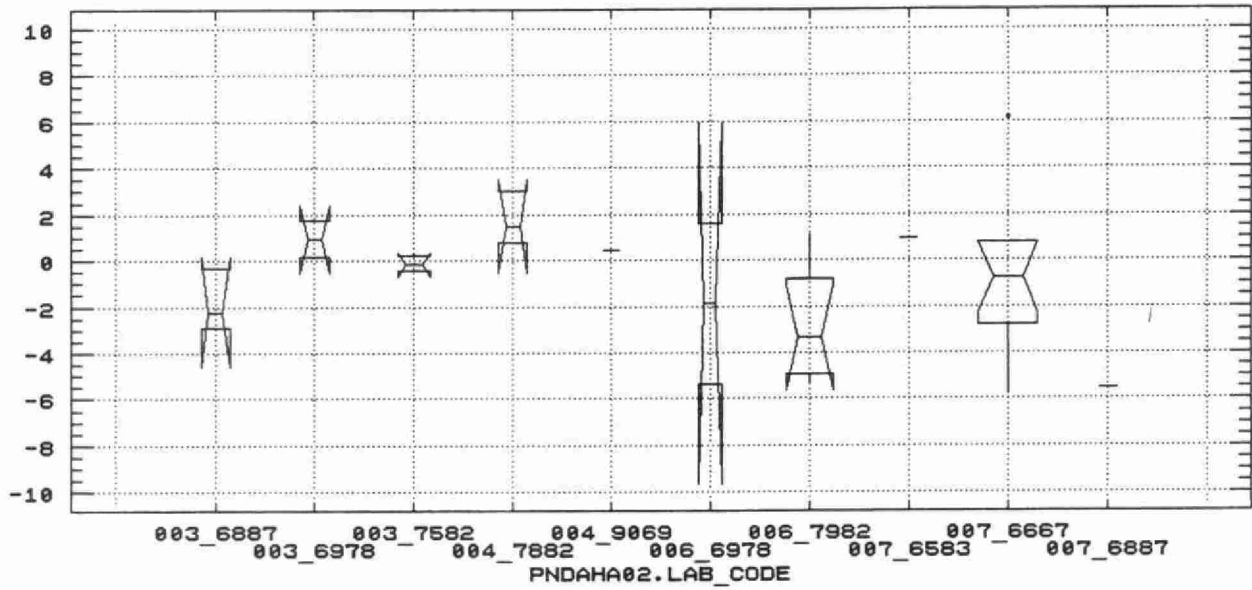
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PNDAAH01.DIFF



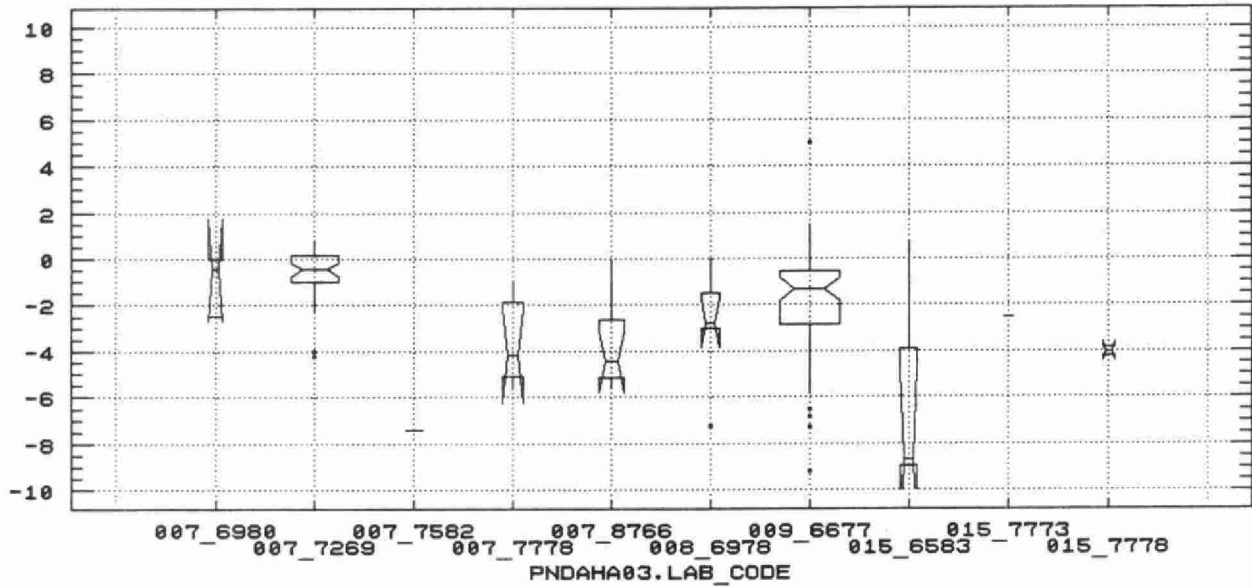
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PNDHA02.DIFF



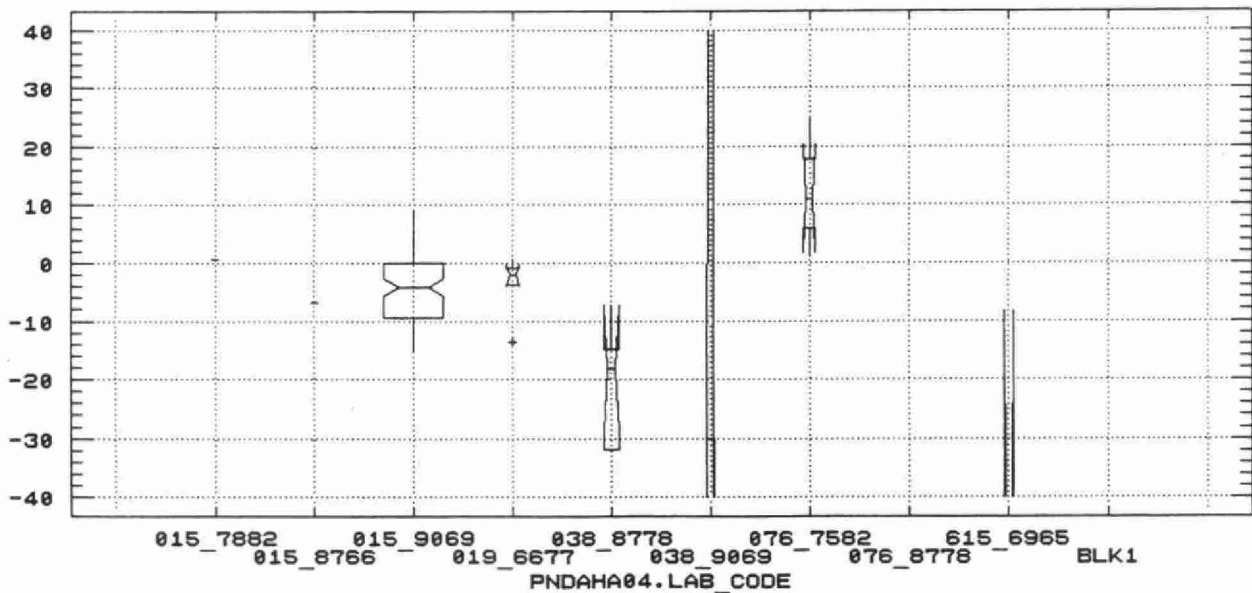
TRAVELLING SPIKED BLANKS

PNDHA03.DIFF



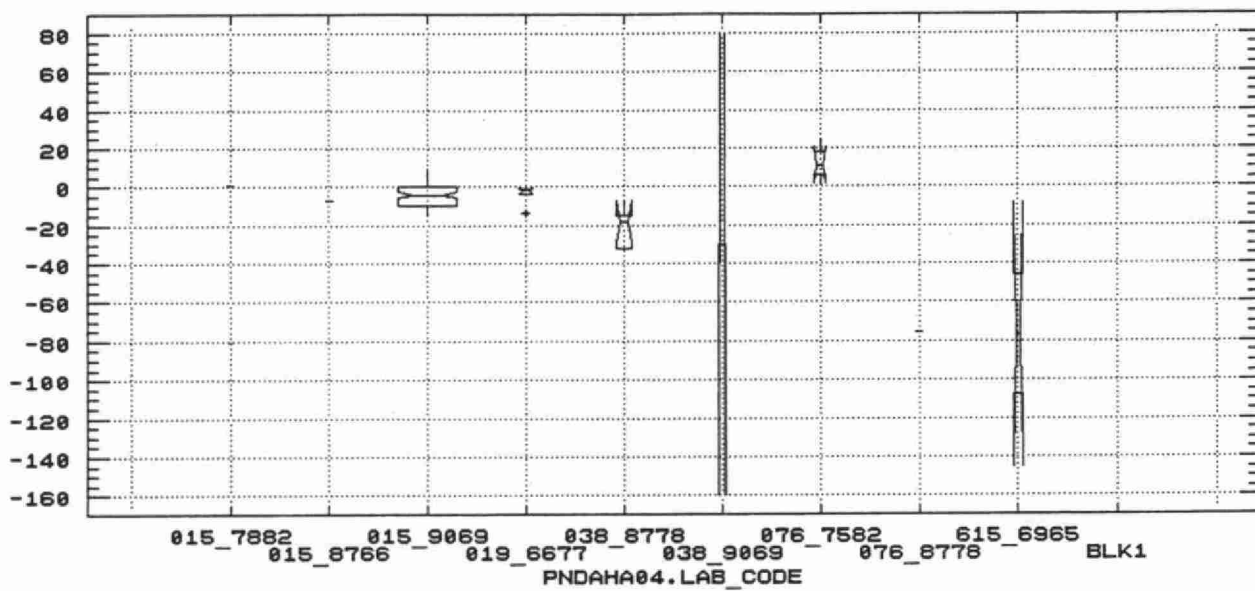
TRAVELLING SPIKED BLANKS

PNDHA04.DIFF



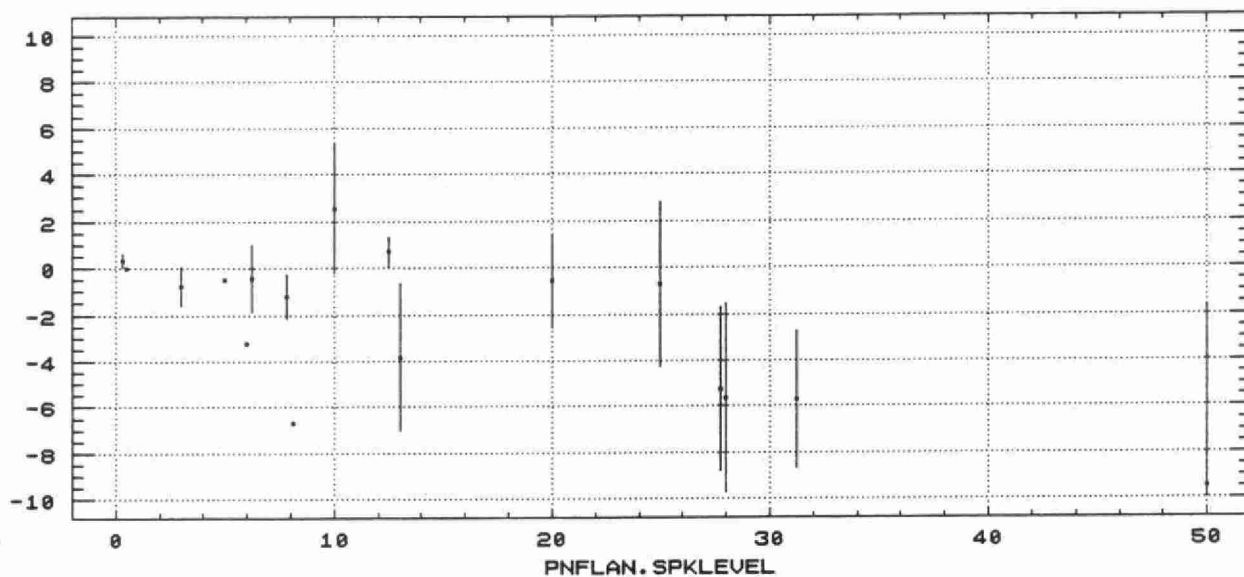
TRAVELLING SPIKED BLANKS

PNDAA04.DIFF



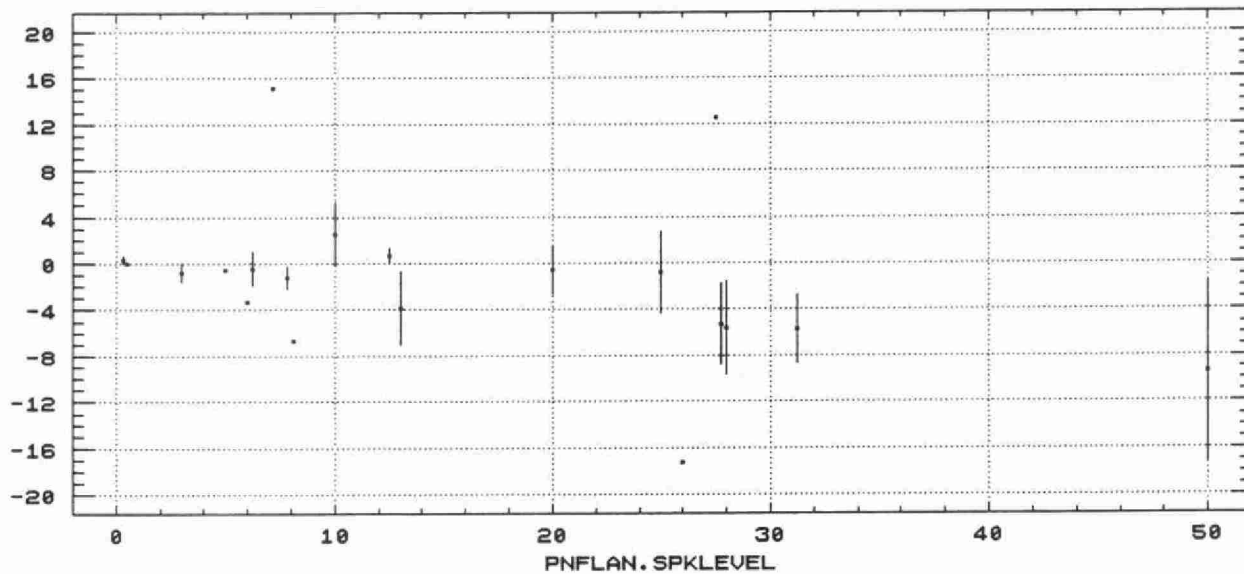
TRAVELLING SPIKED BLANKS

PNFLAN.AVG



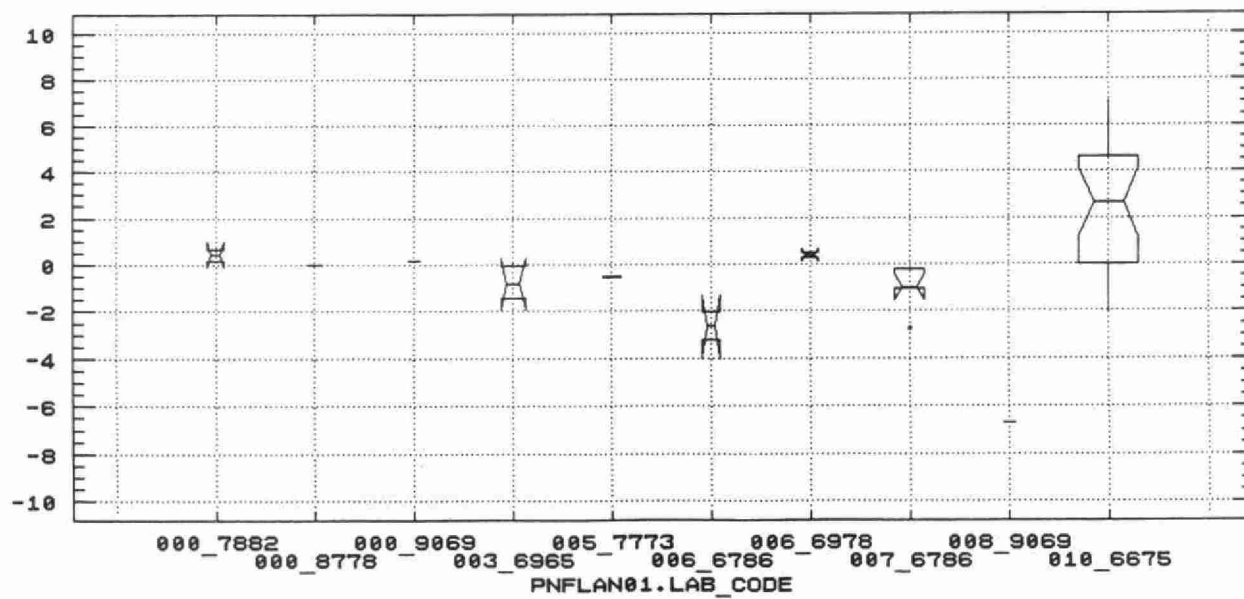
TRAVELLING SPIKED BLANKS

PNFLAN.AVG



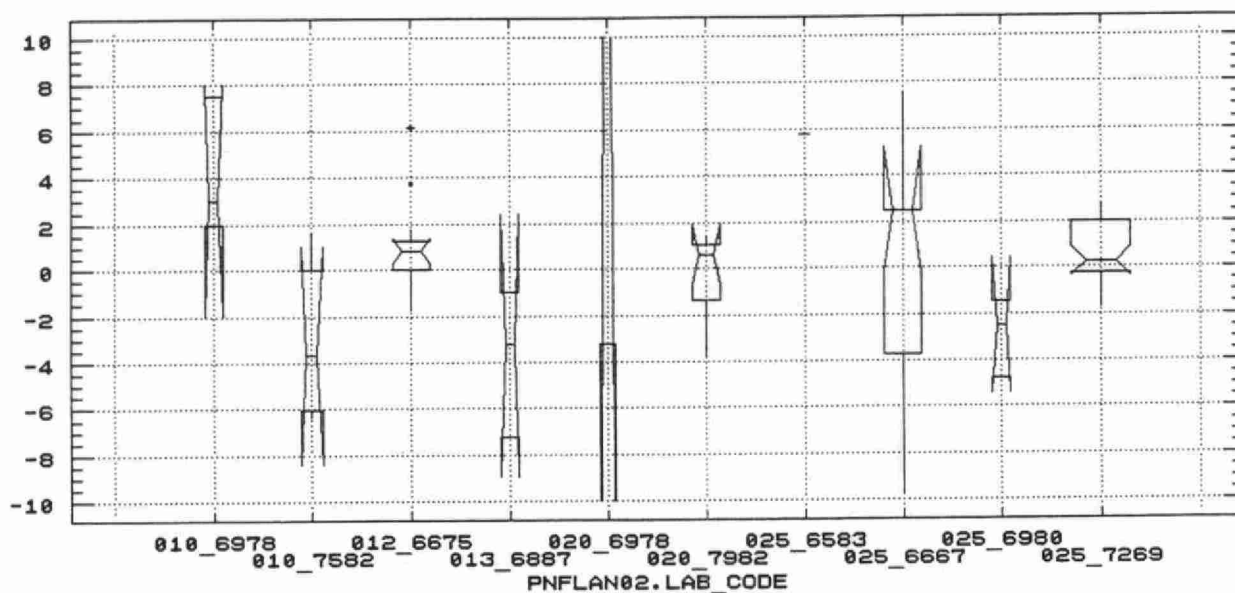
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PNFLAN01.DIFF



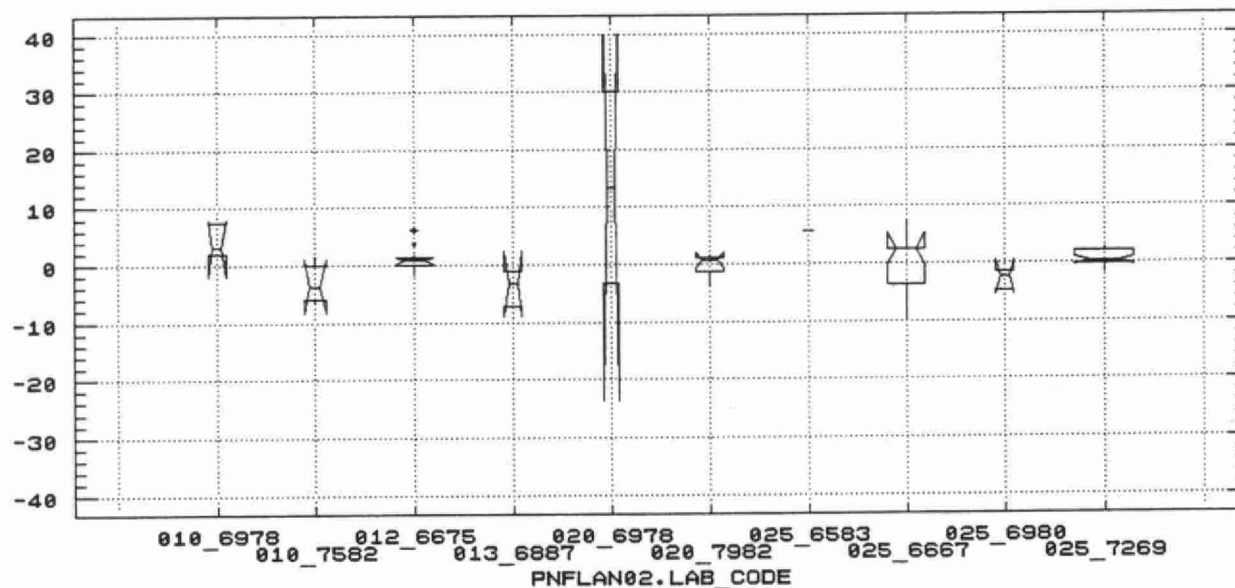
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PNFLAN02.DIFF



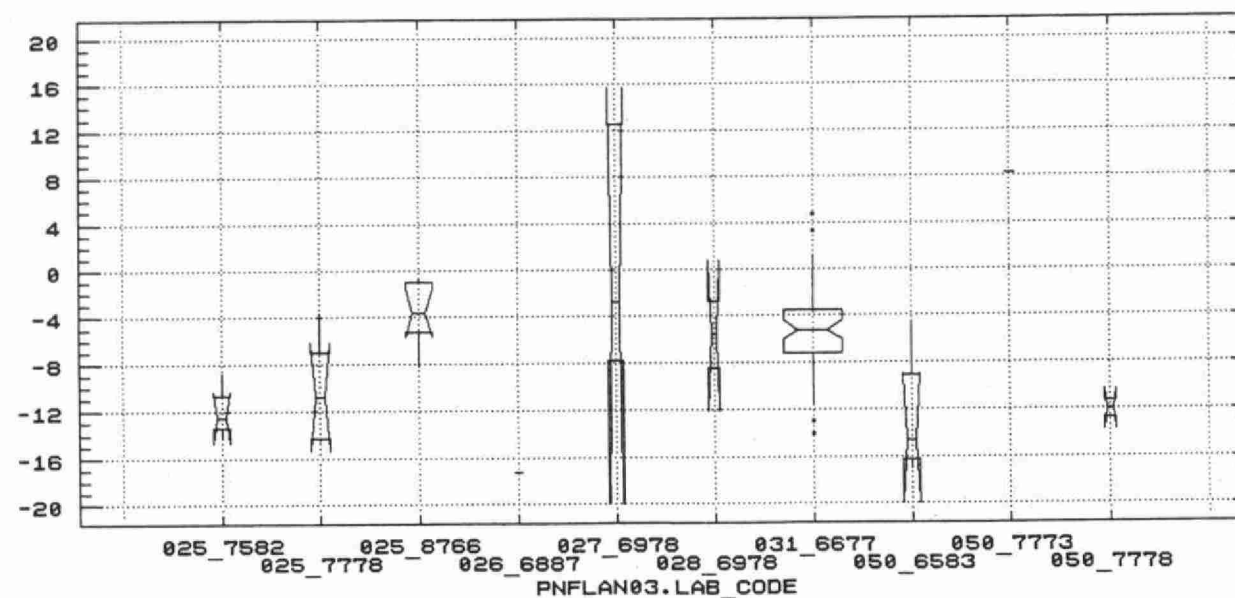
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PNFLAN02.DIFF



TRAVELLING SPIKED BLANKS

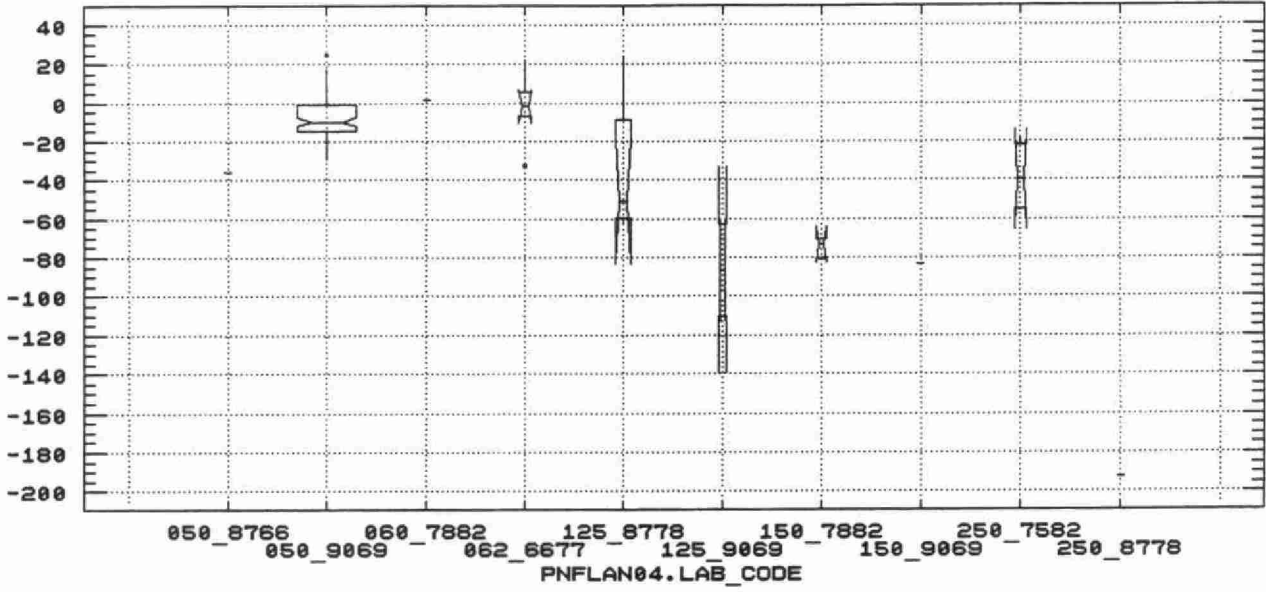
PNFLAN03.DIFF



TRAVELLING SPIKED BLANKS

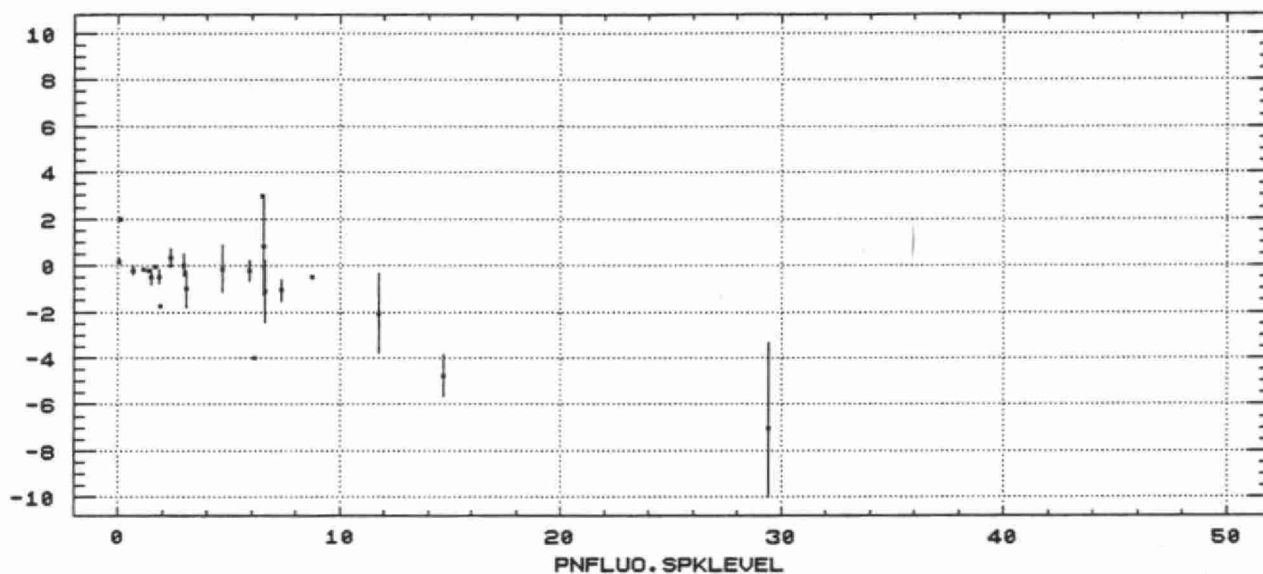
444

PNFLAN04.DIFF



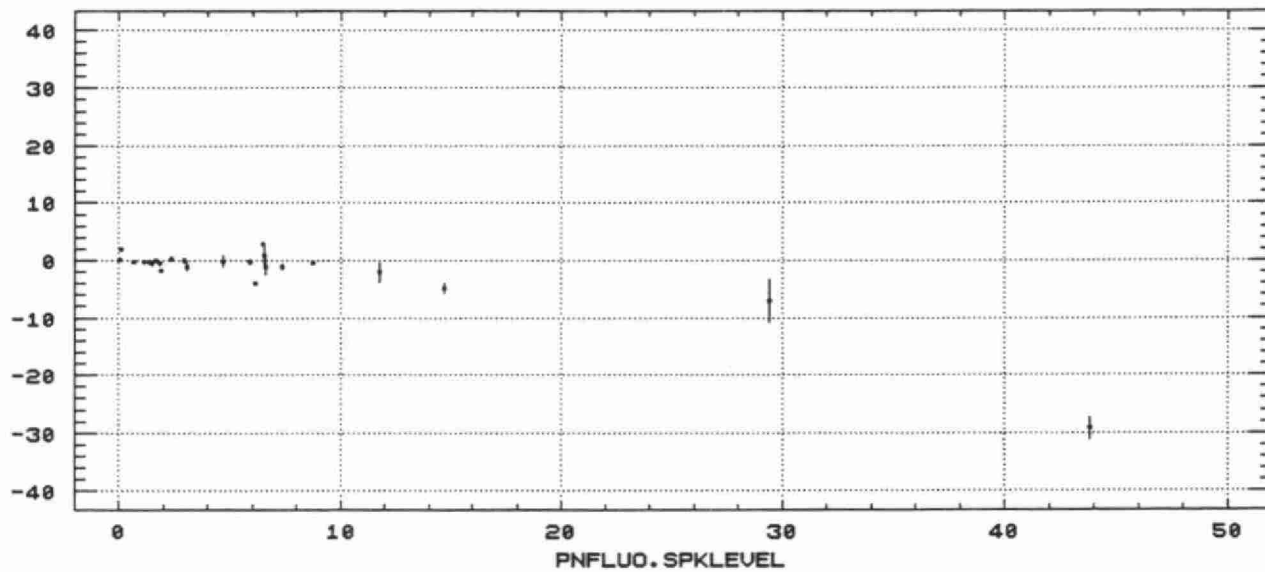
TRAVELLING SPIKED BLANKS

PNFLUO. AUG



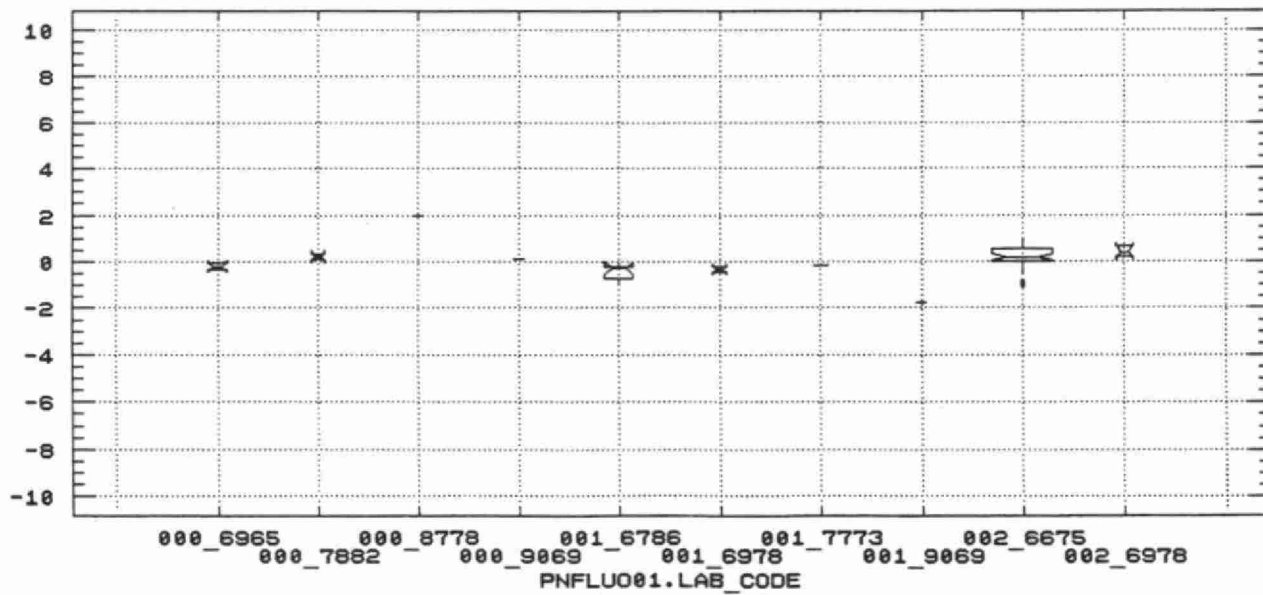
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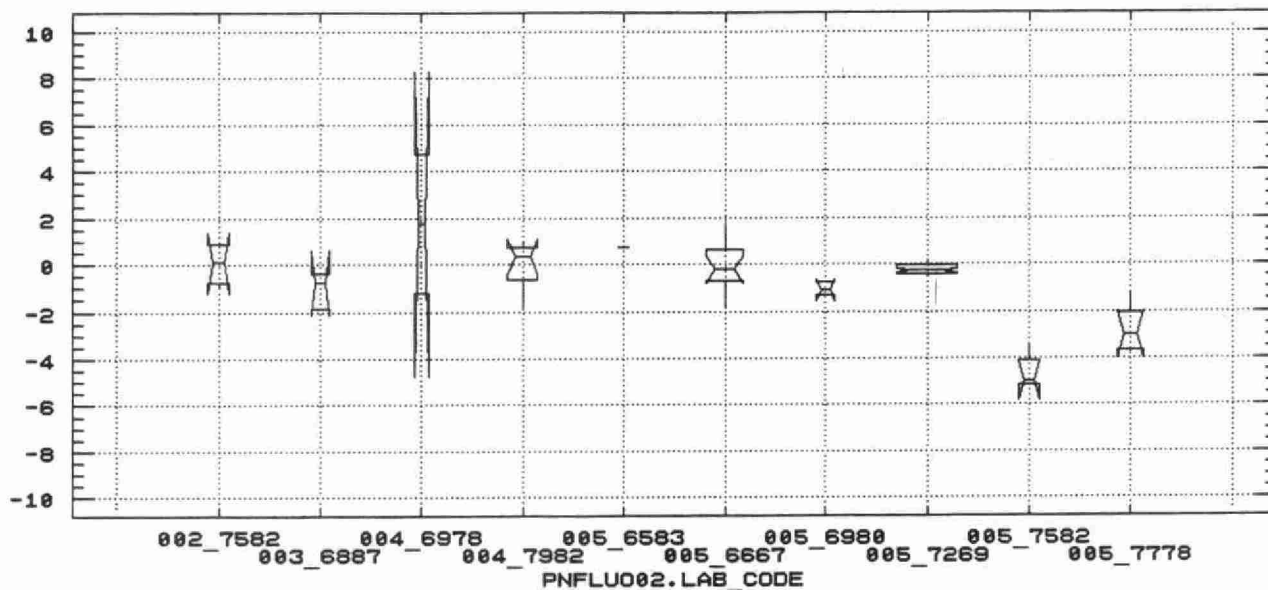
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PNFLUO01.DIFF



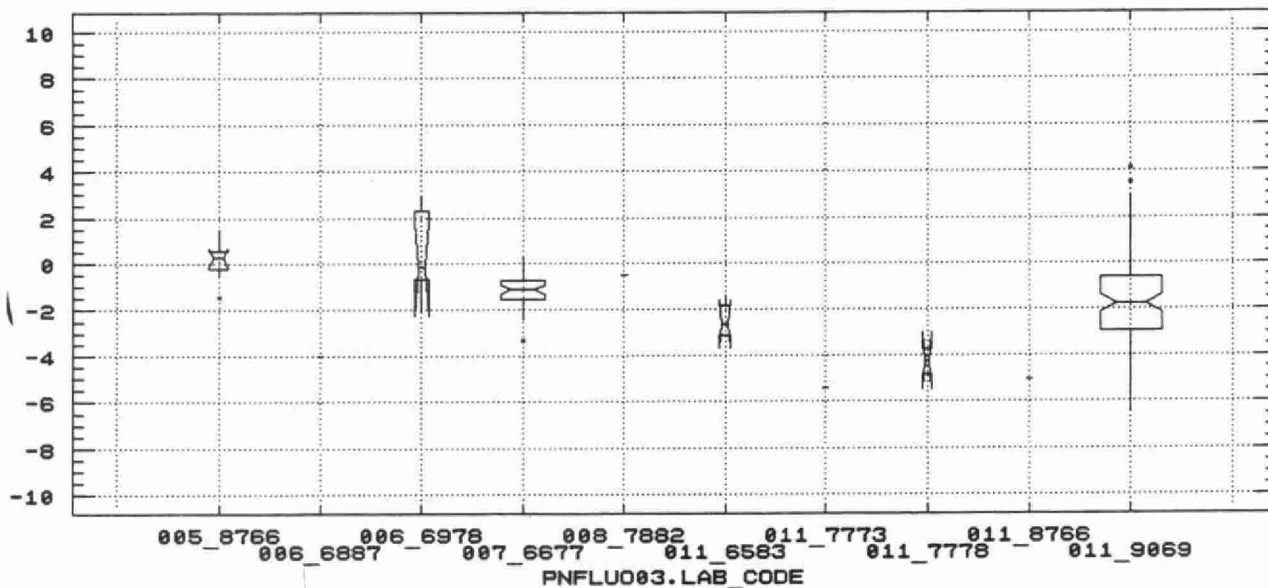
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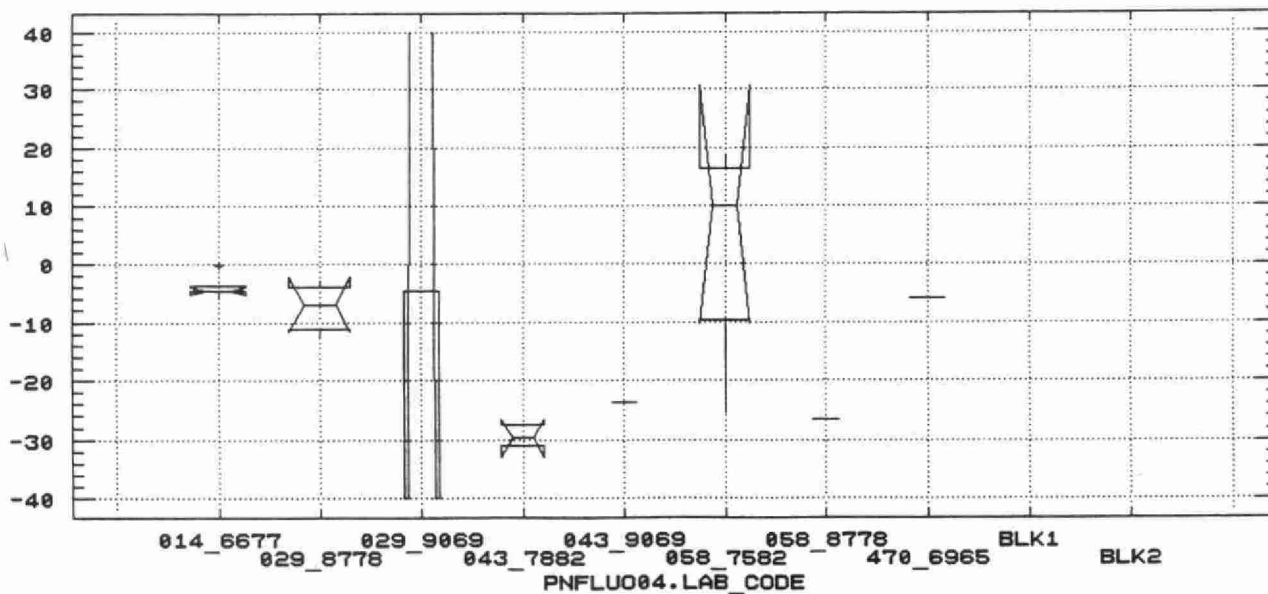
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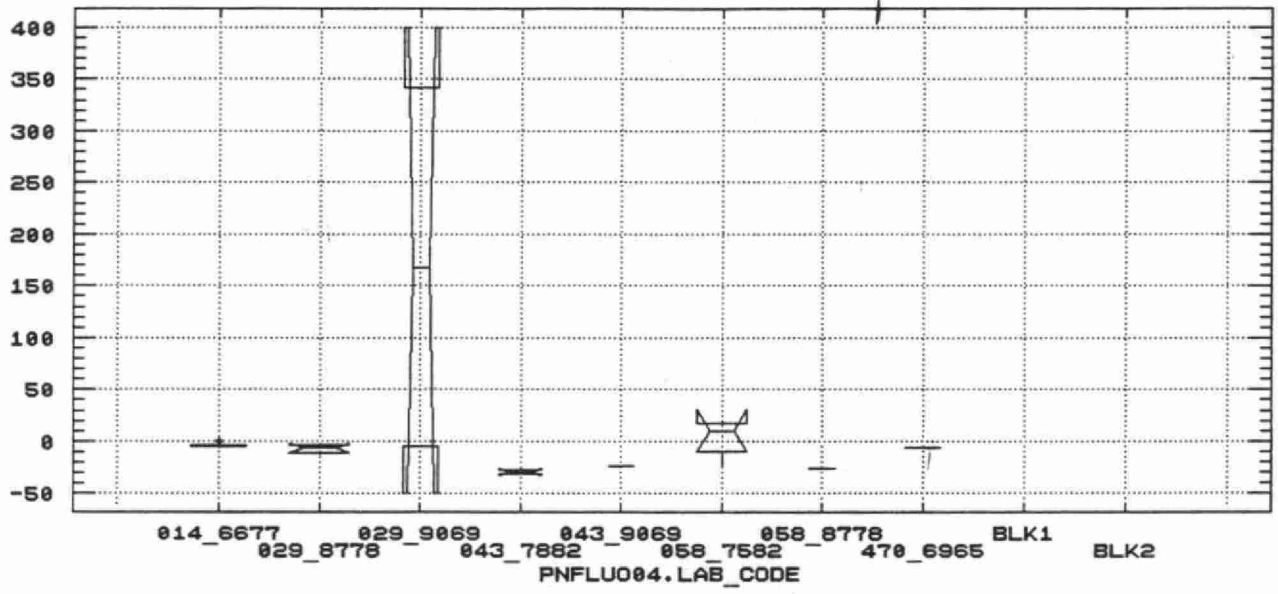


TRAVELLING SPIKED BLANKS

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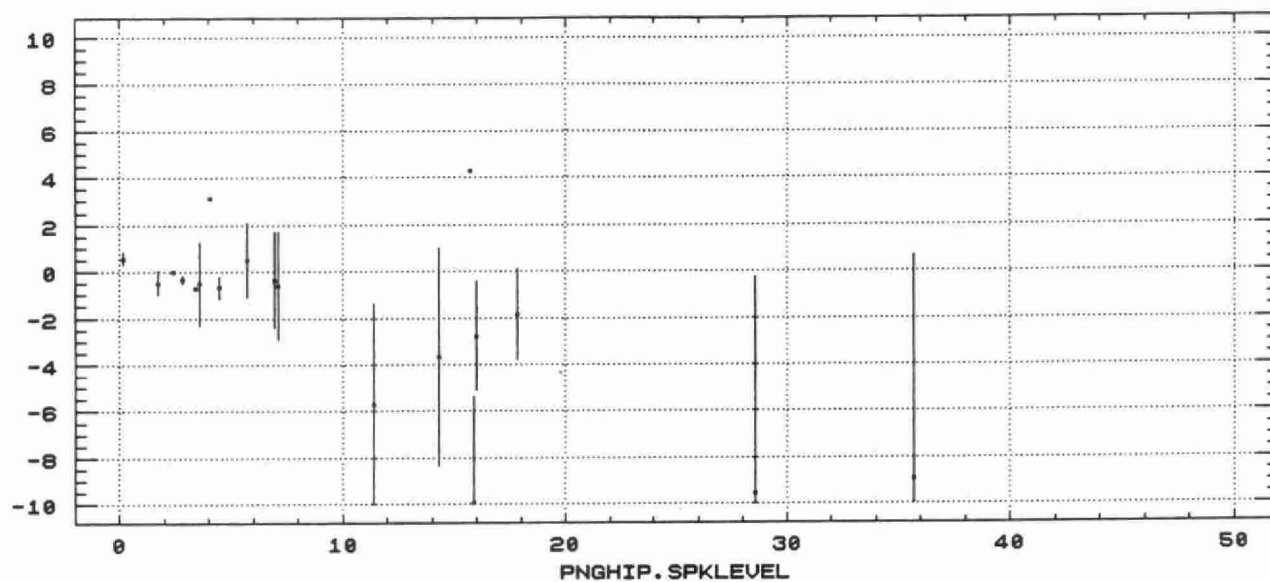


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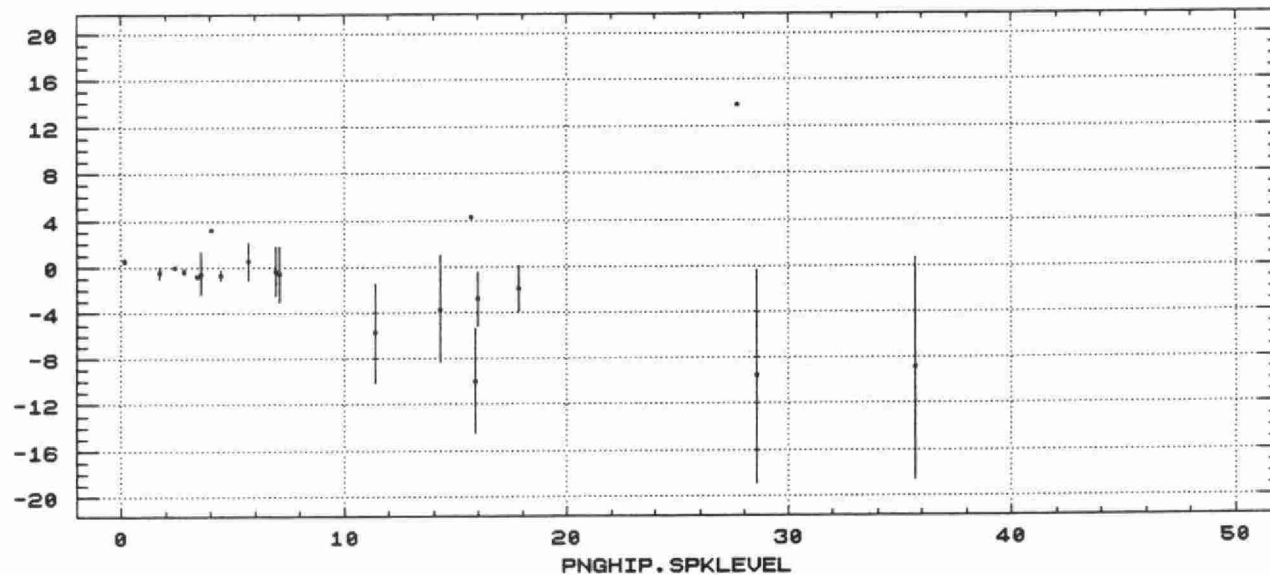
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PNGHIP.AVG



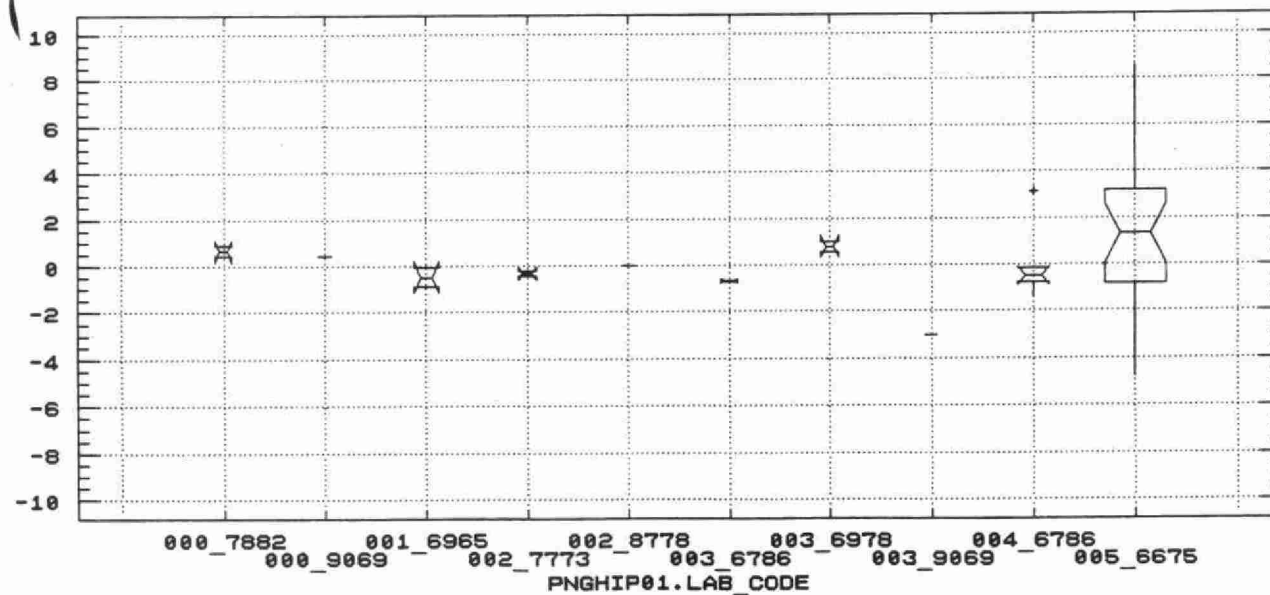
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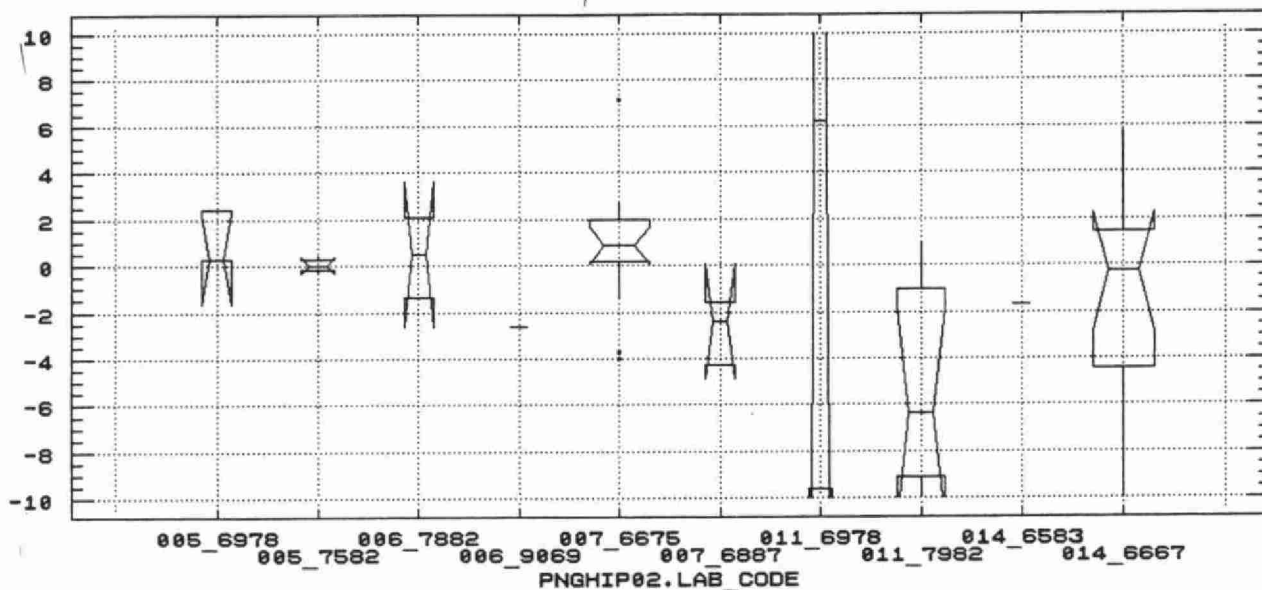


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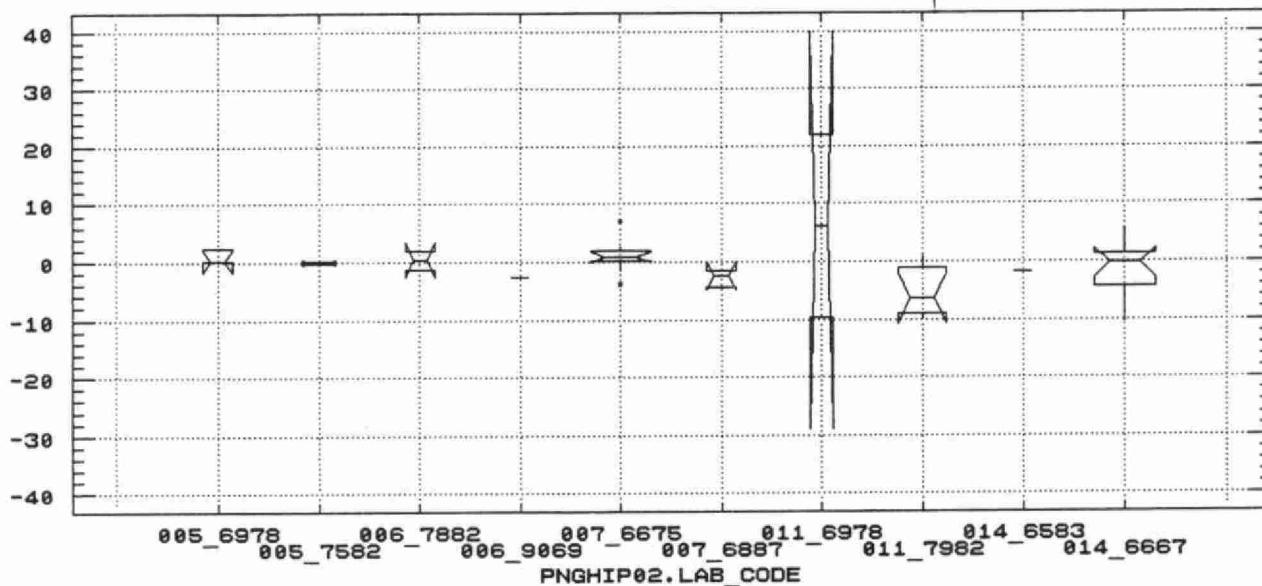


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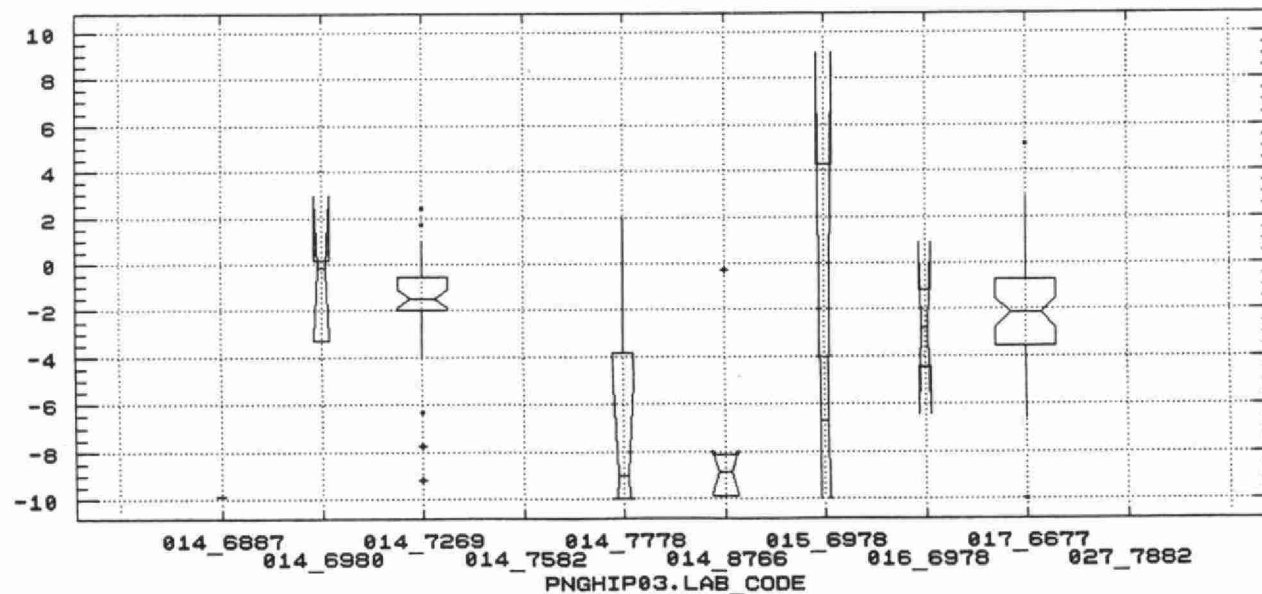
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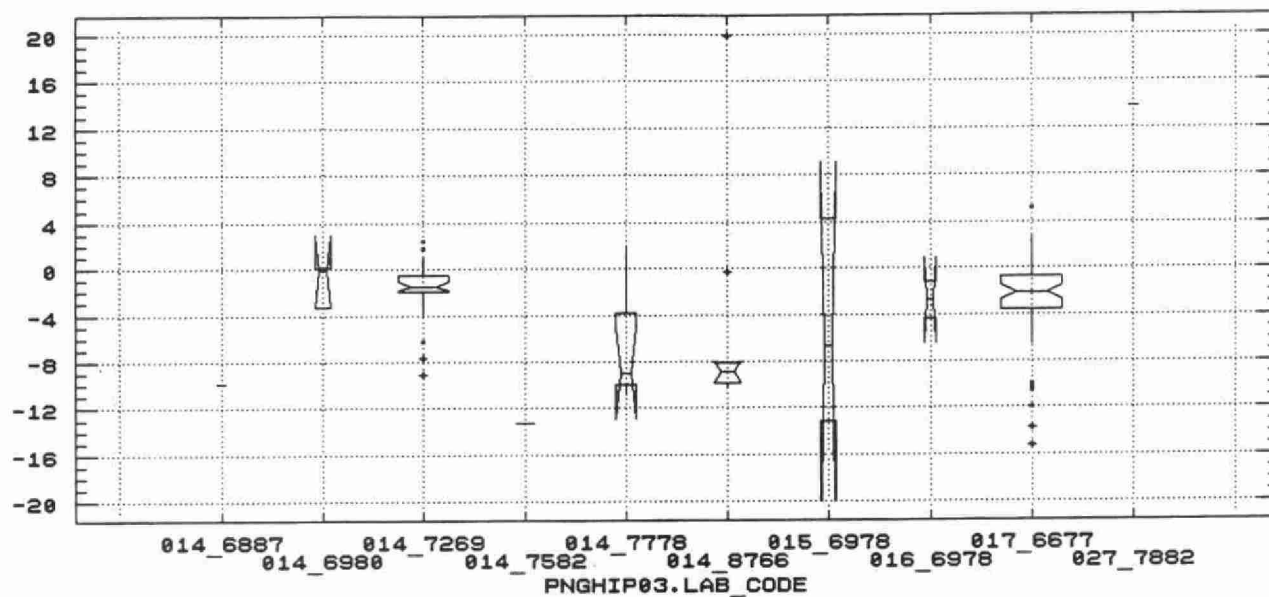
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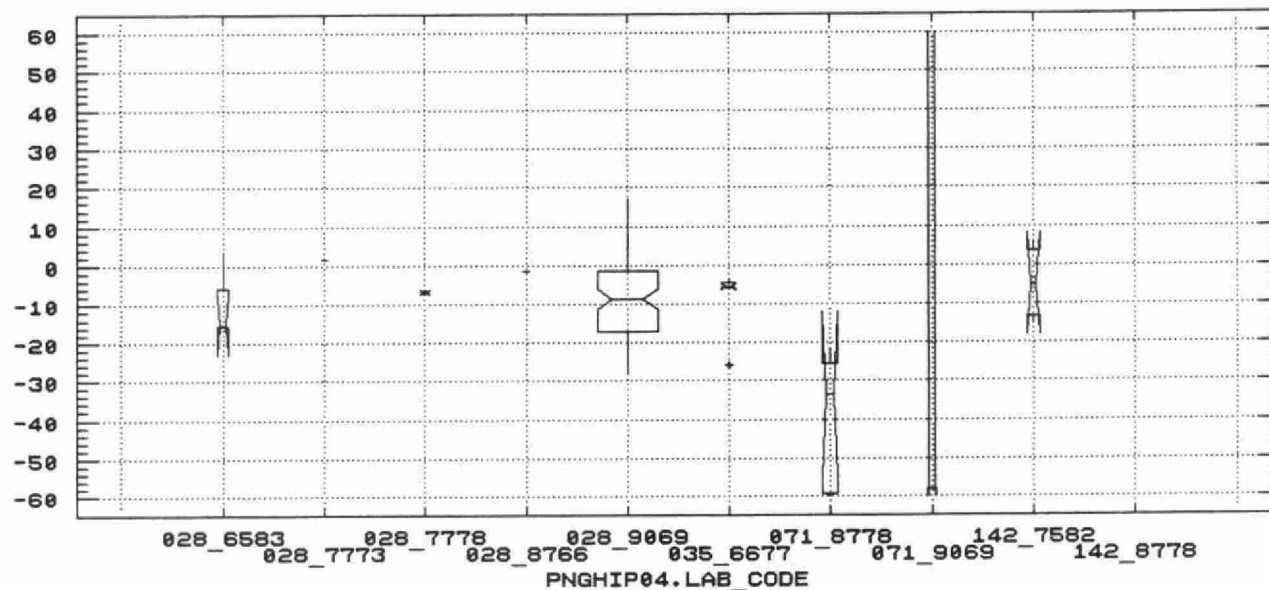
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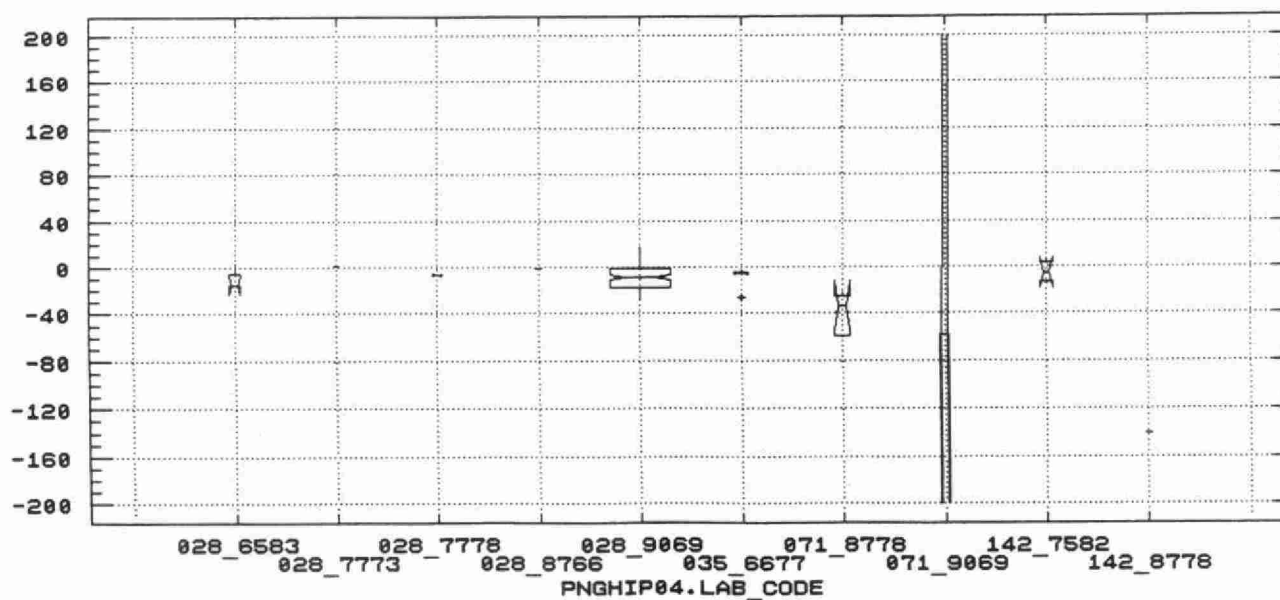
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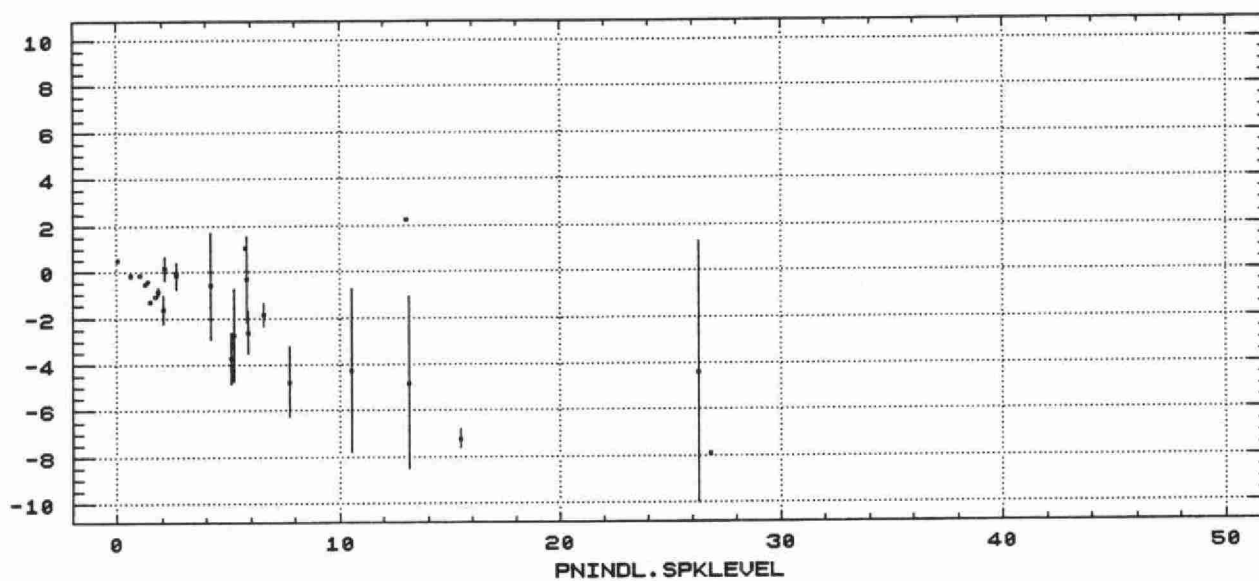
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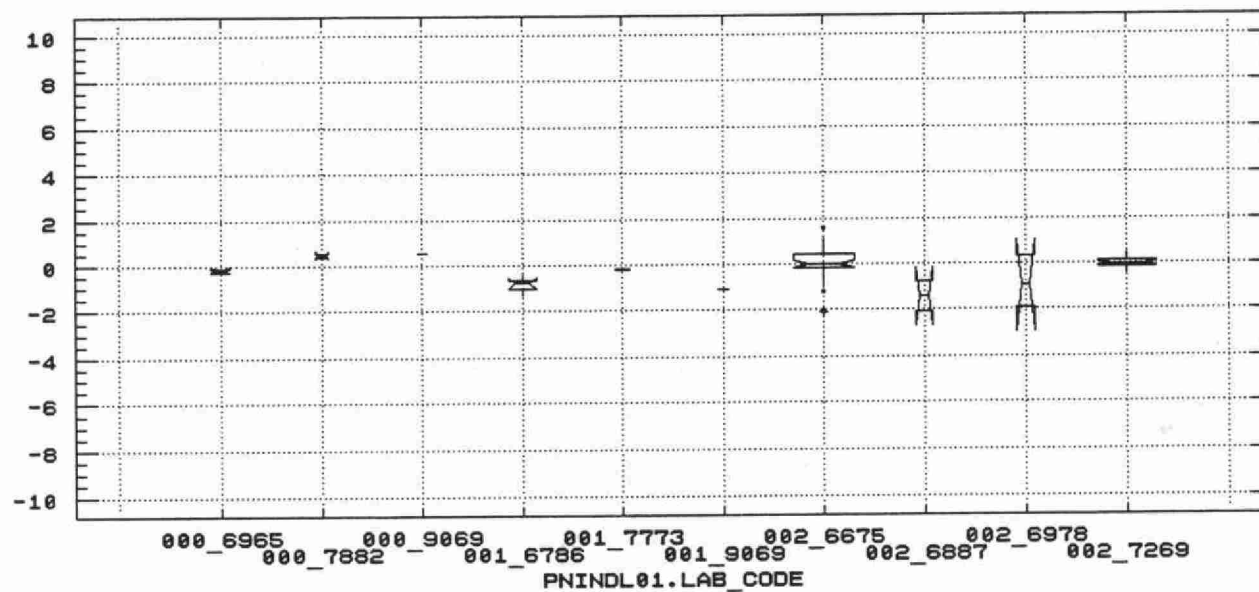
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PNINDL.AVG



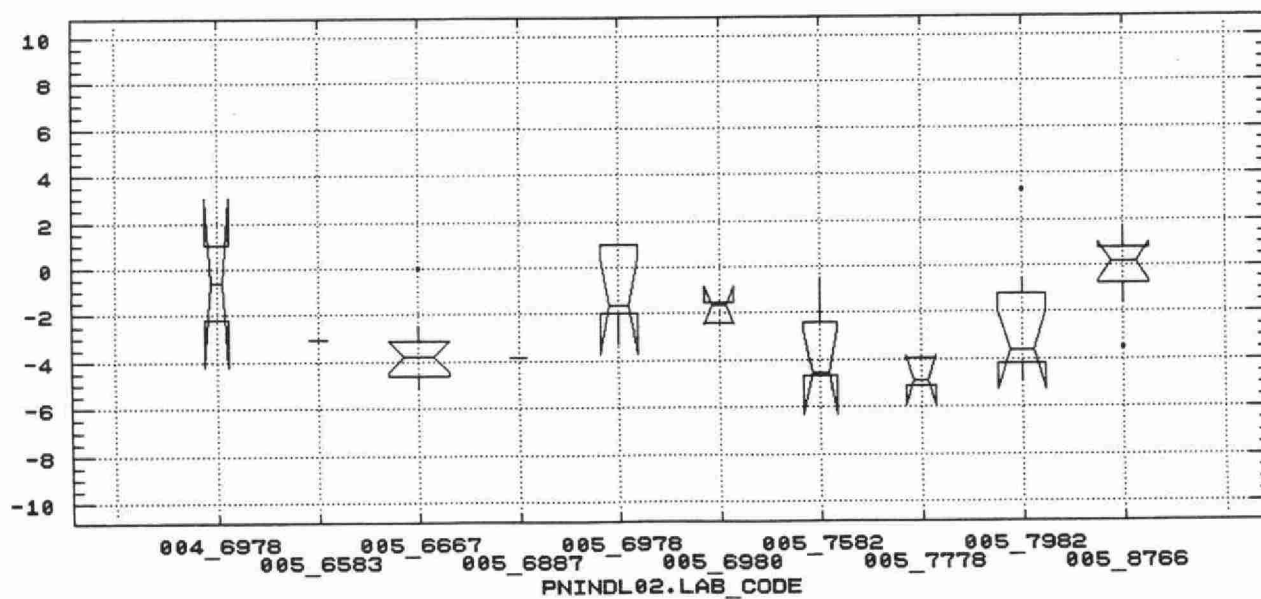
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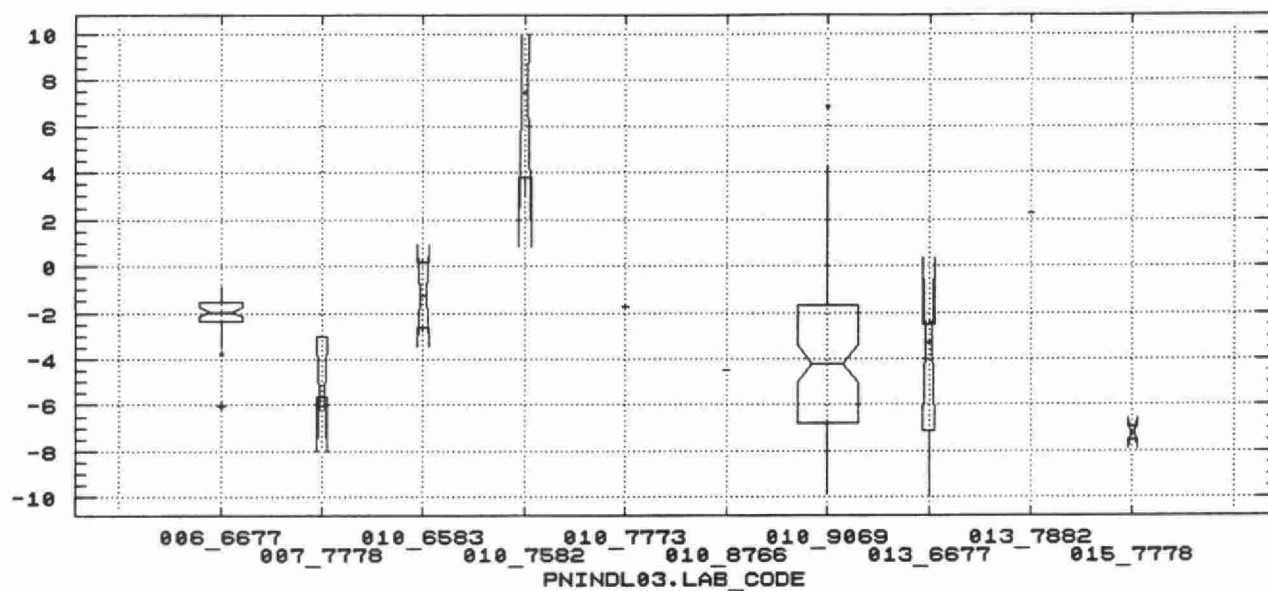
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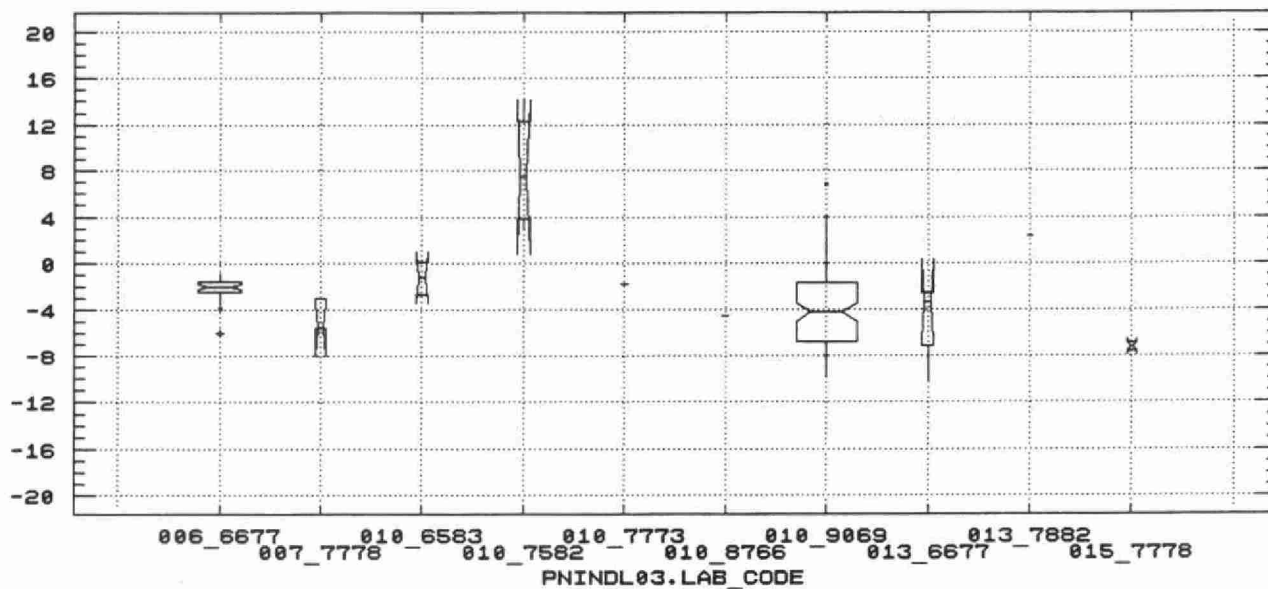
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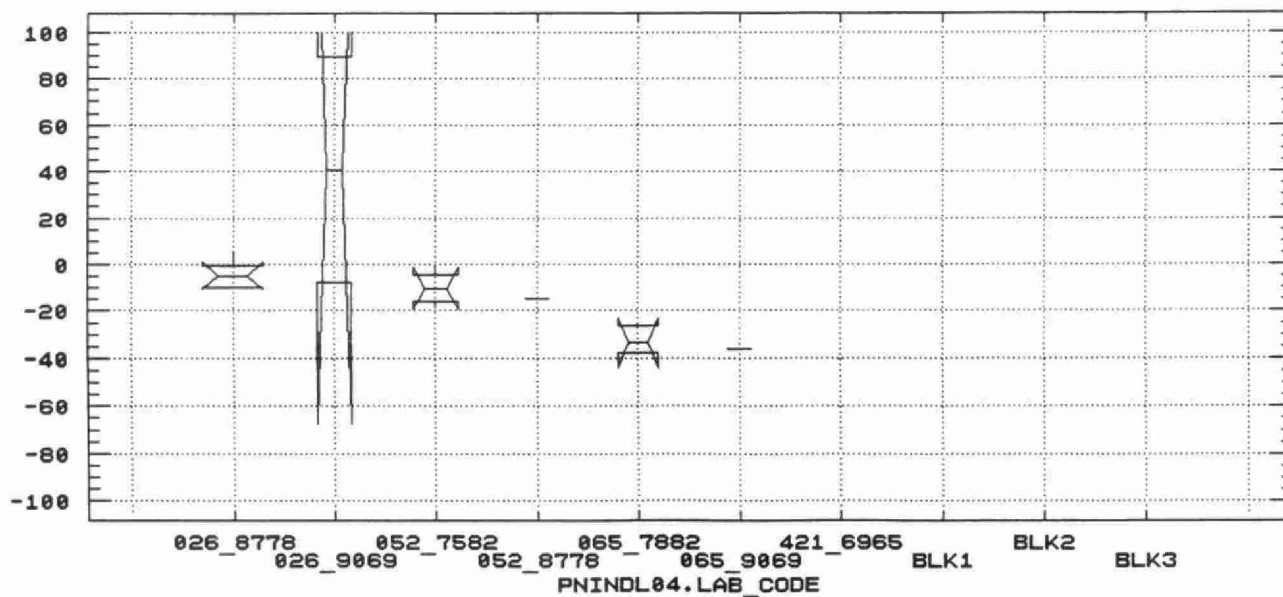
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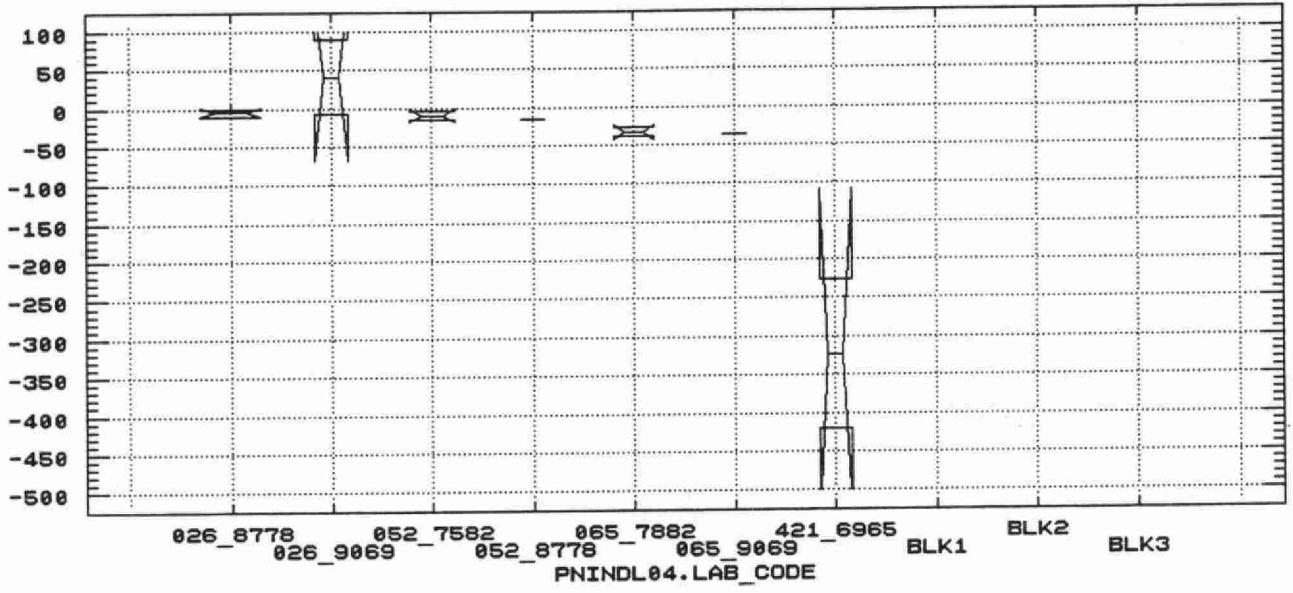
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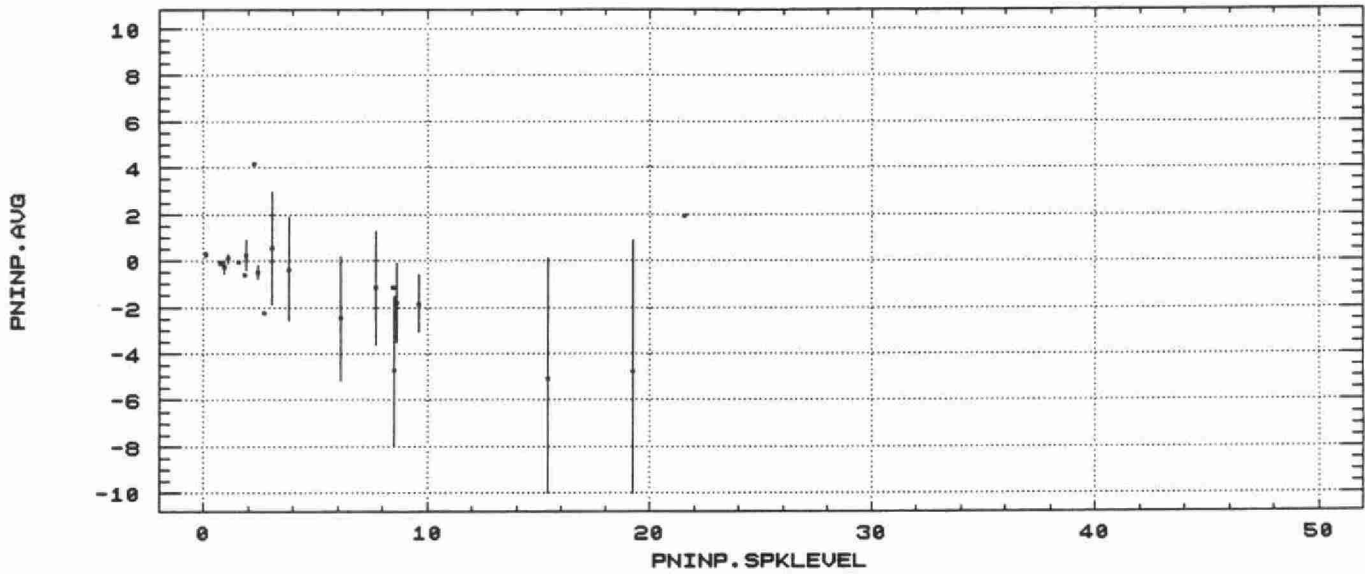


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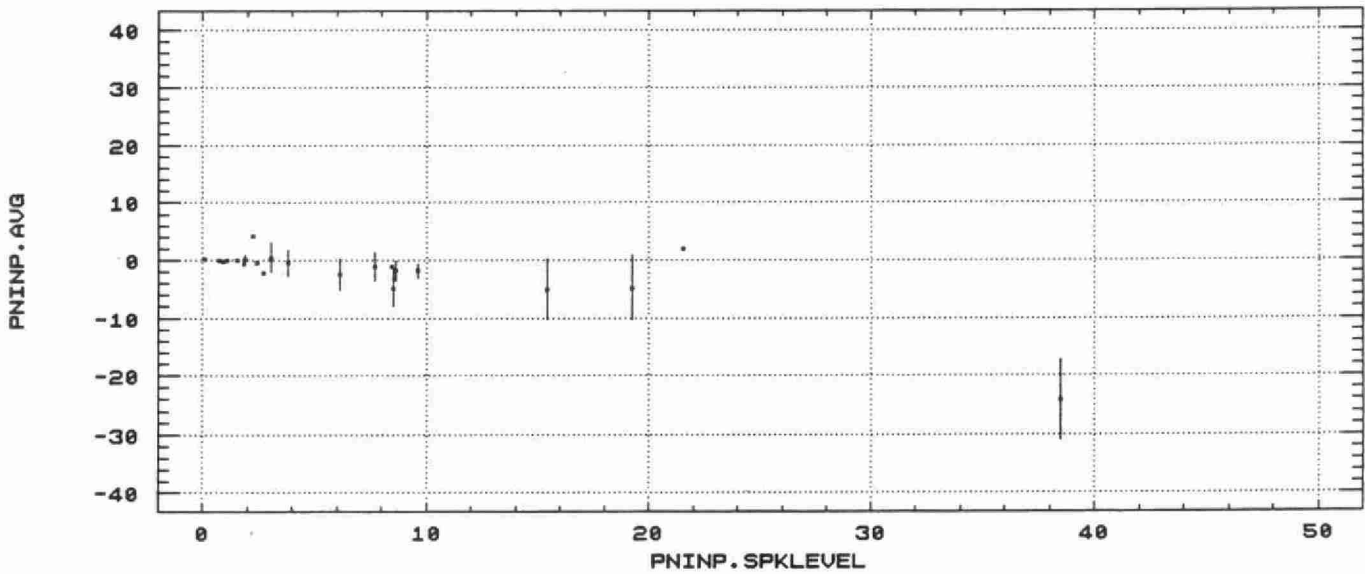
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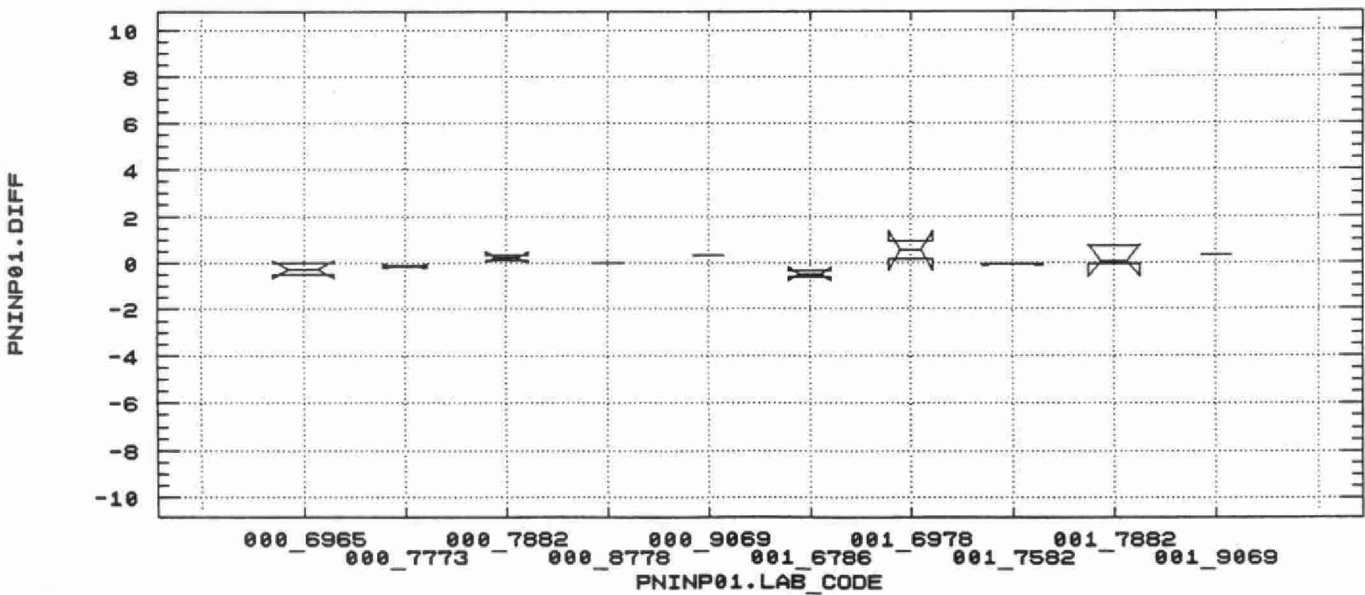
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TRAVELLING SPIKED BLANKS

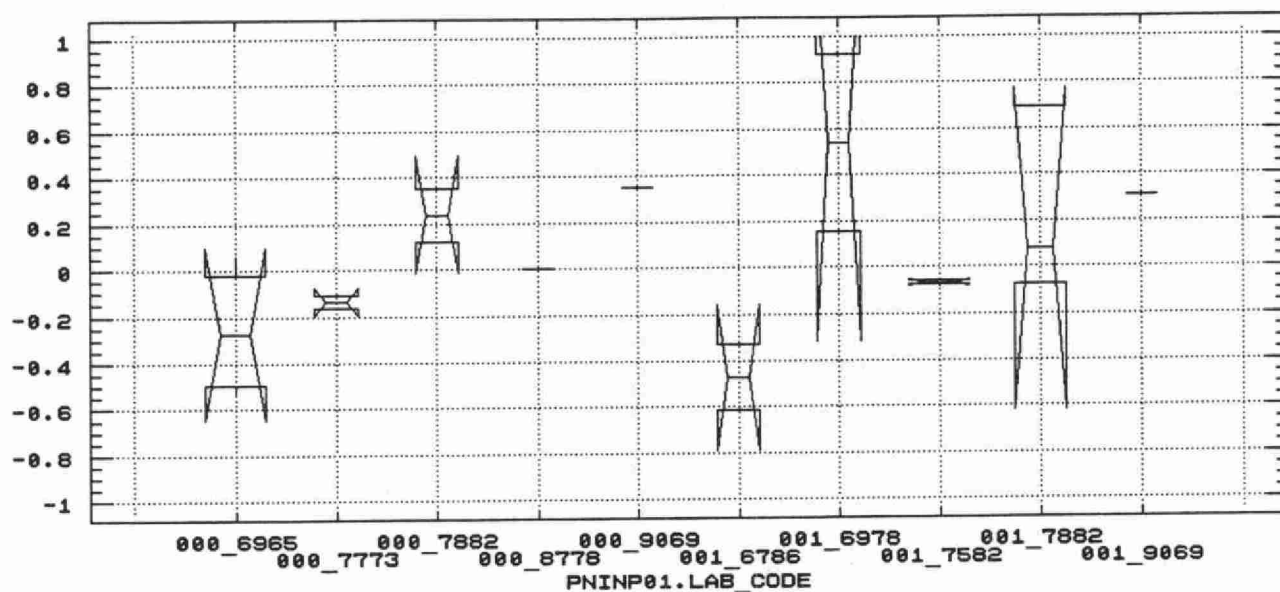


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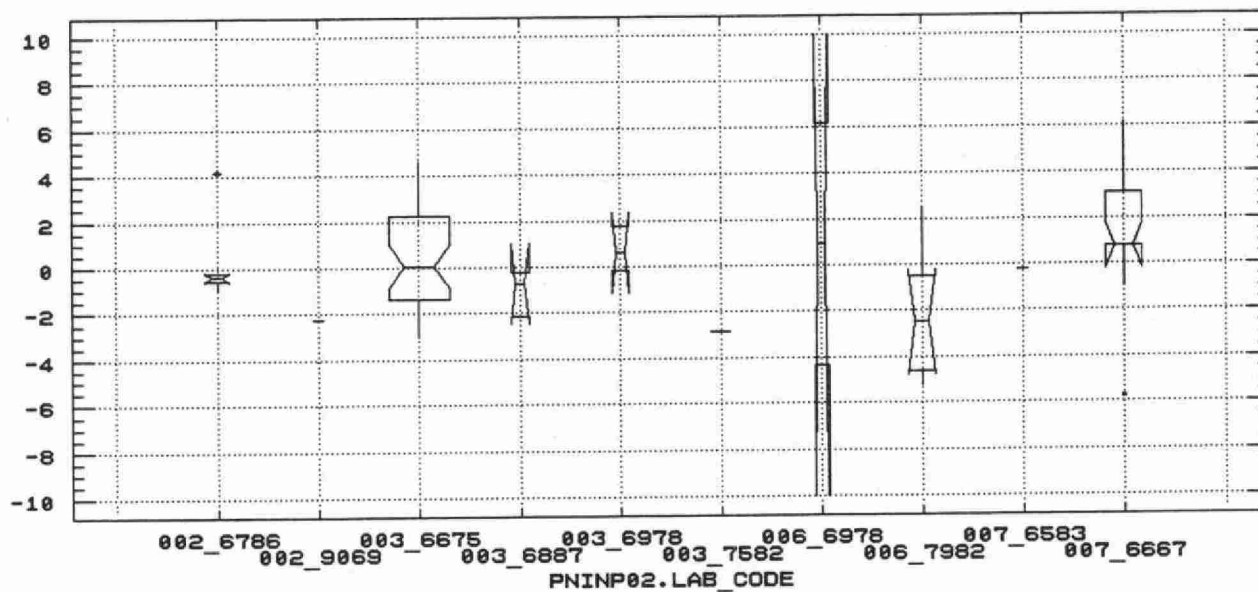
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PNINP01.DIFF



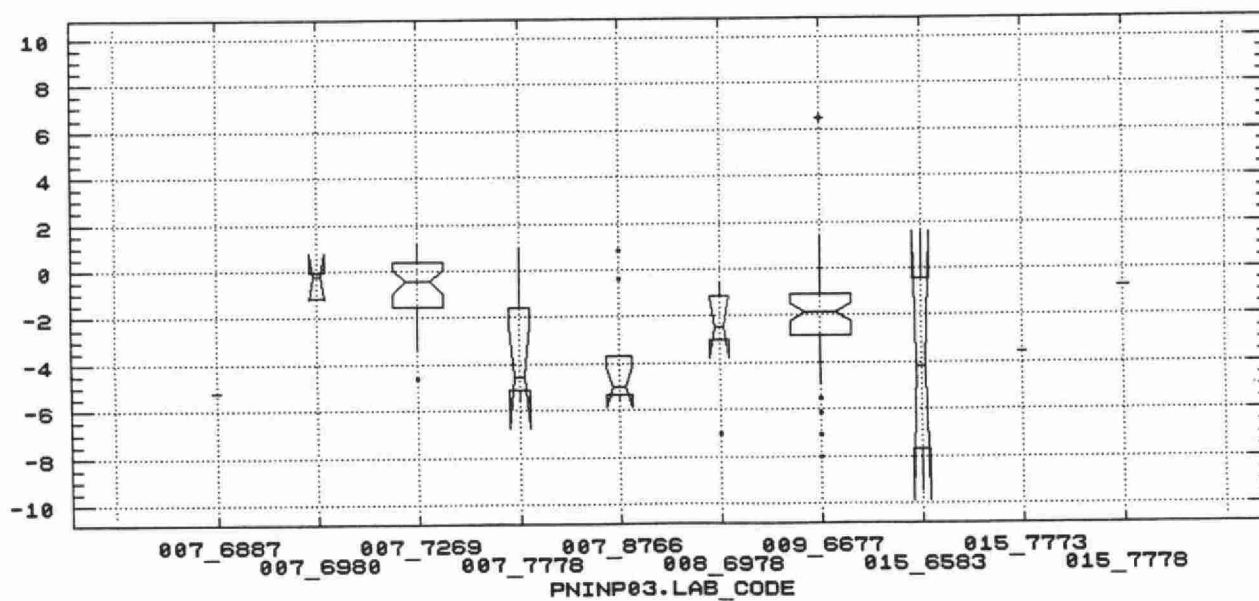
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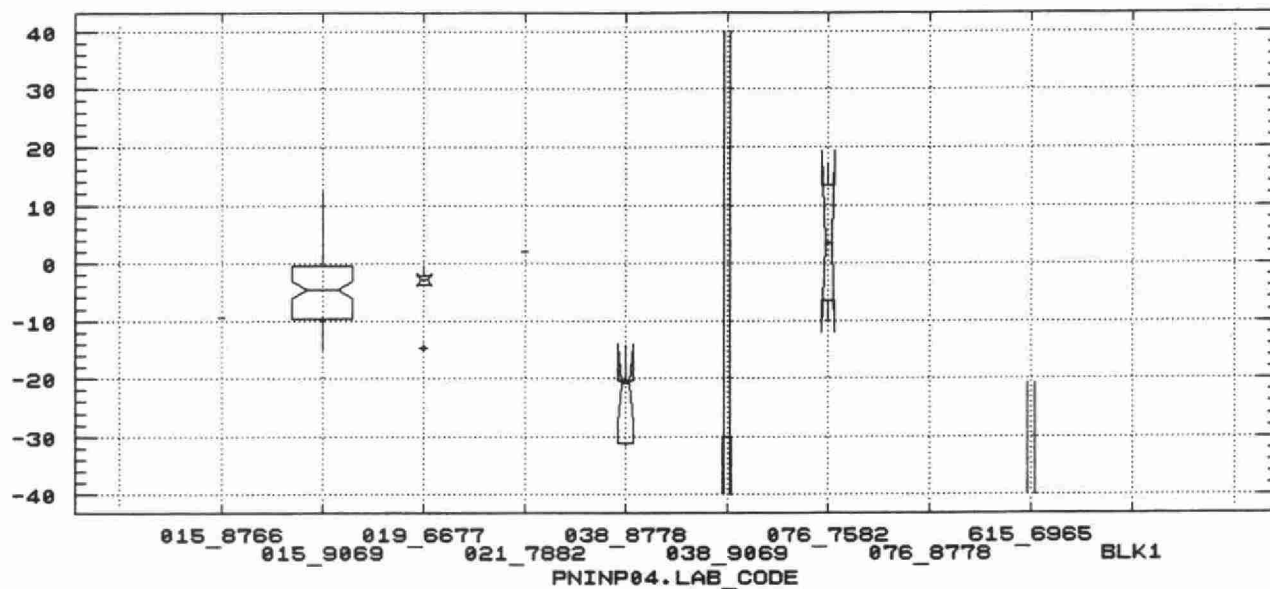
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PNINP03.DIFF



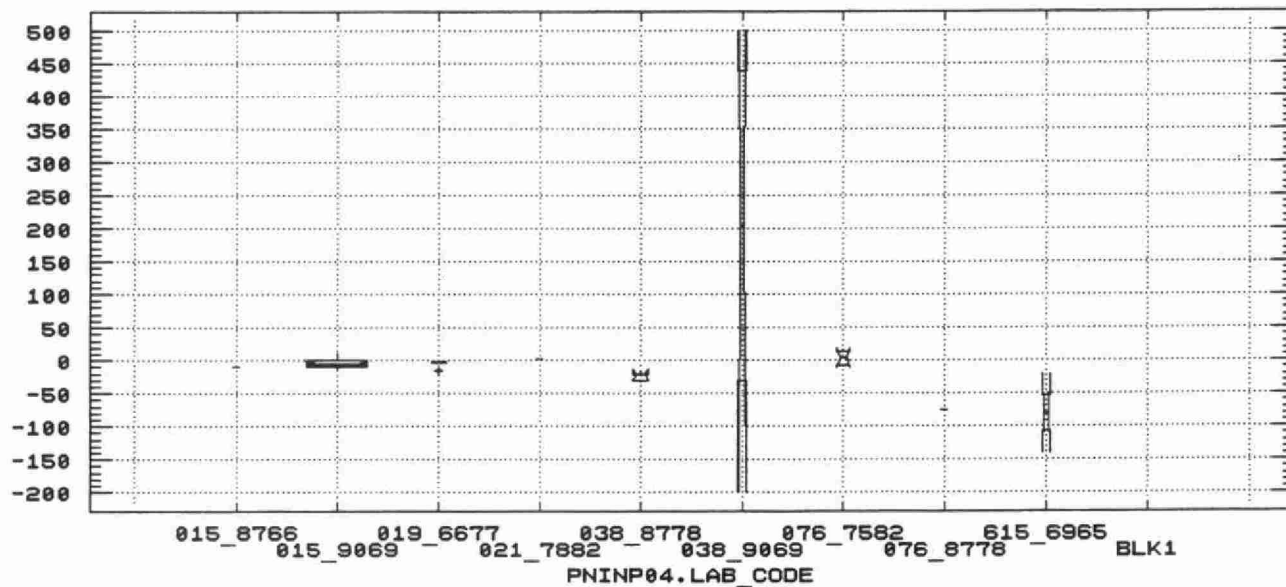
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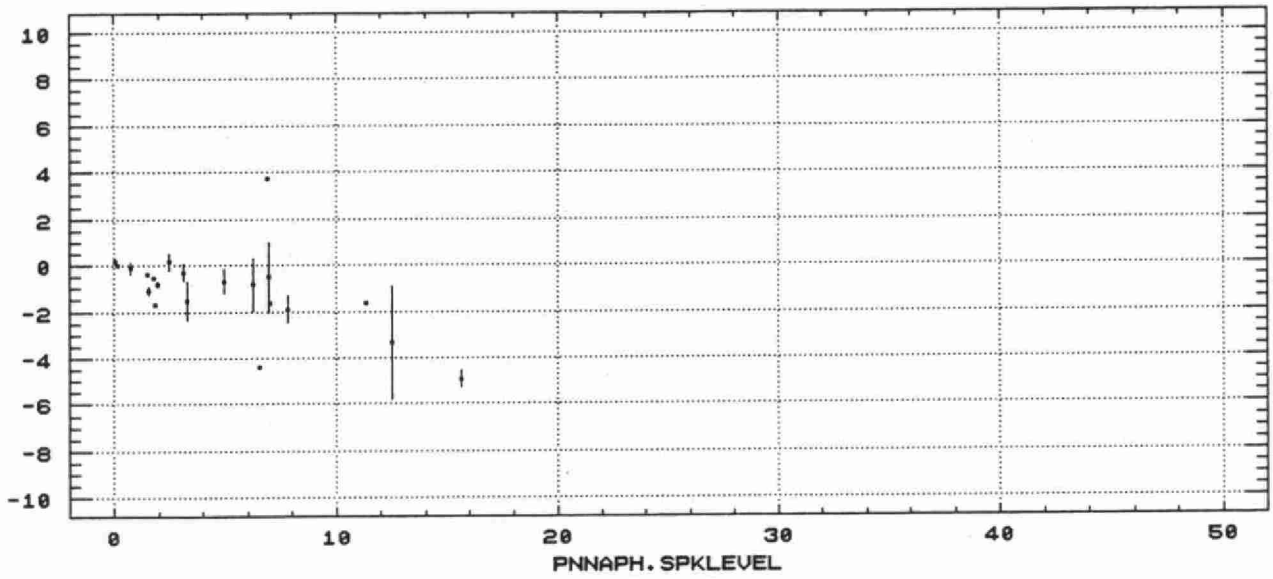
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PNINP04.DIFF



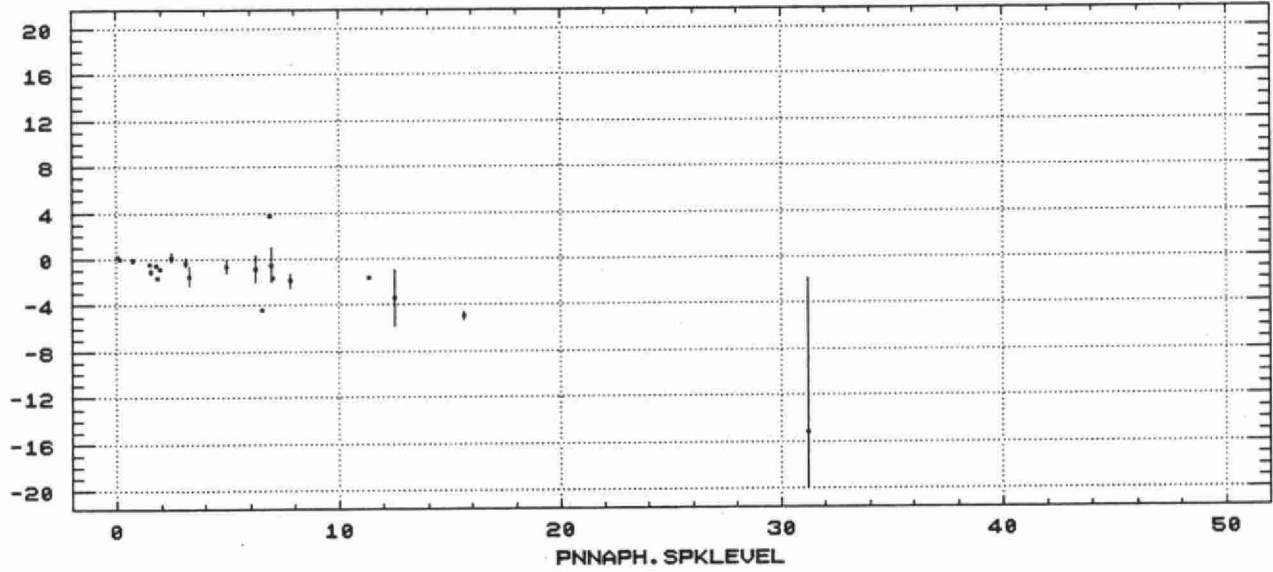
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PNNAPH. AVG



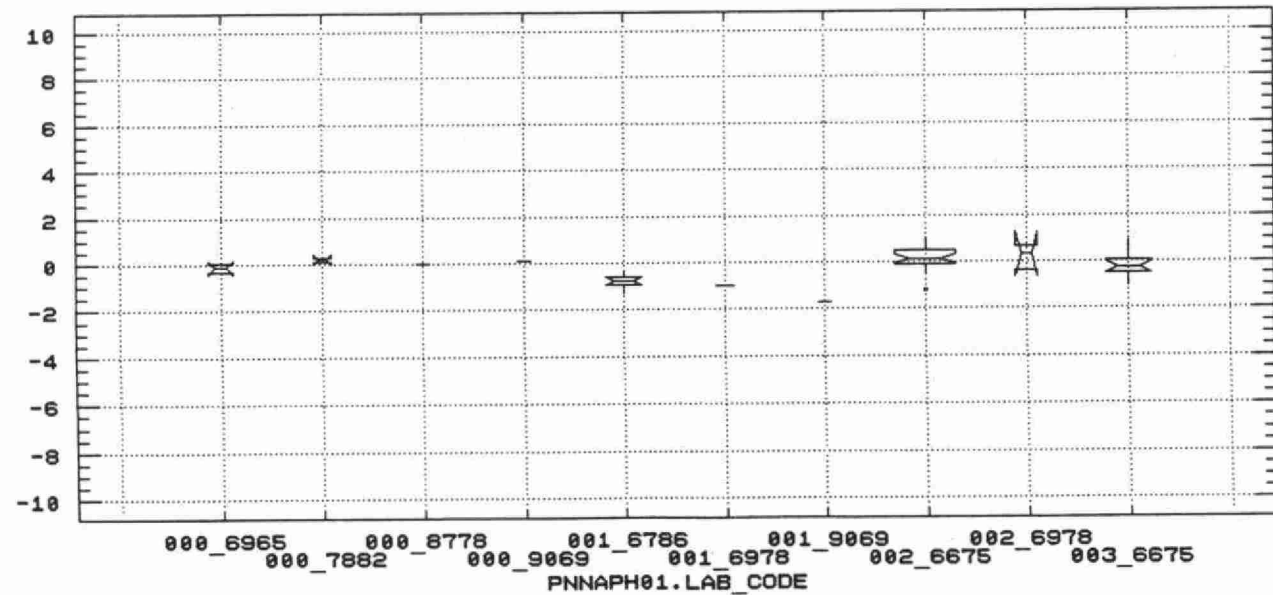
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PNNAPH. AVG



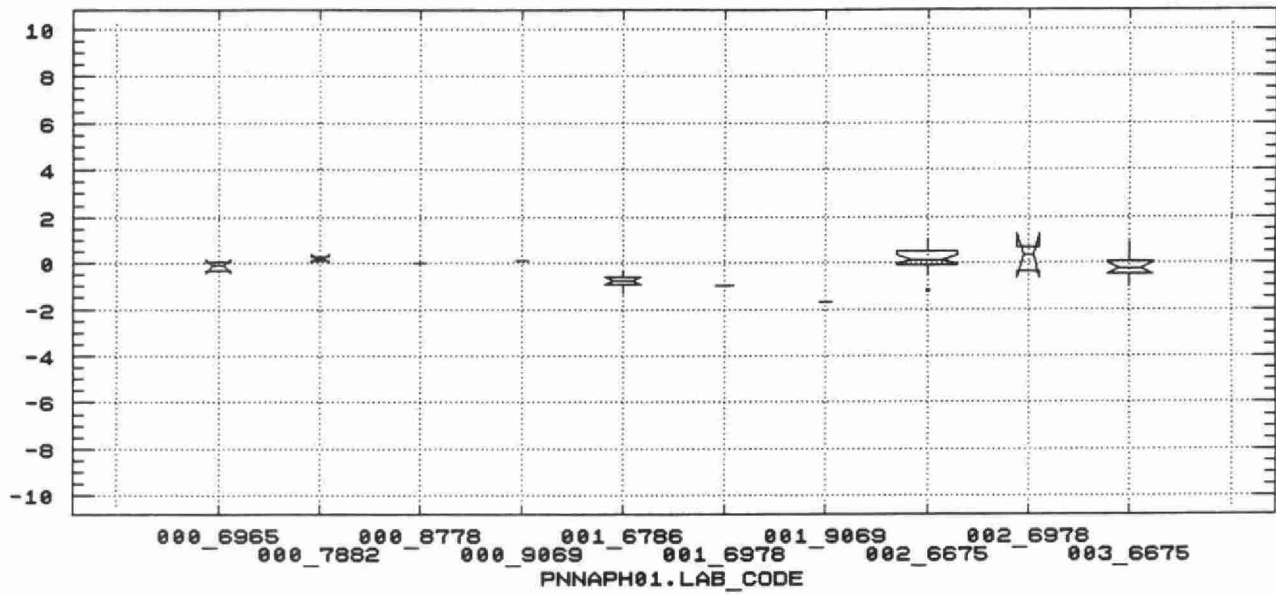
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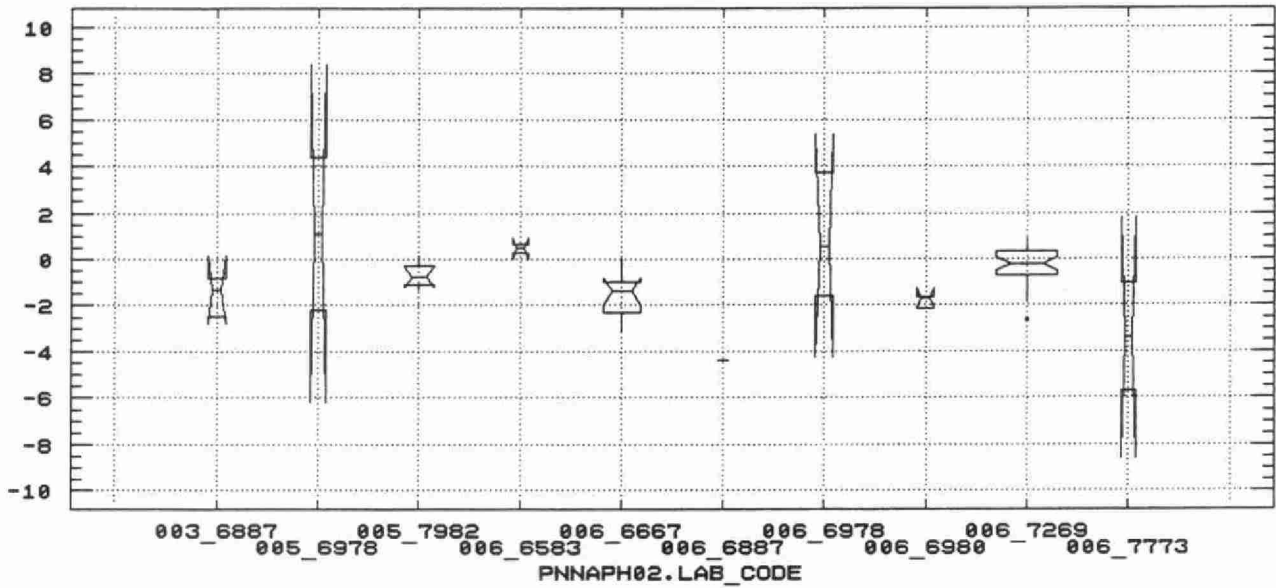
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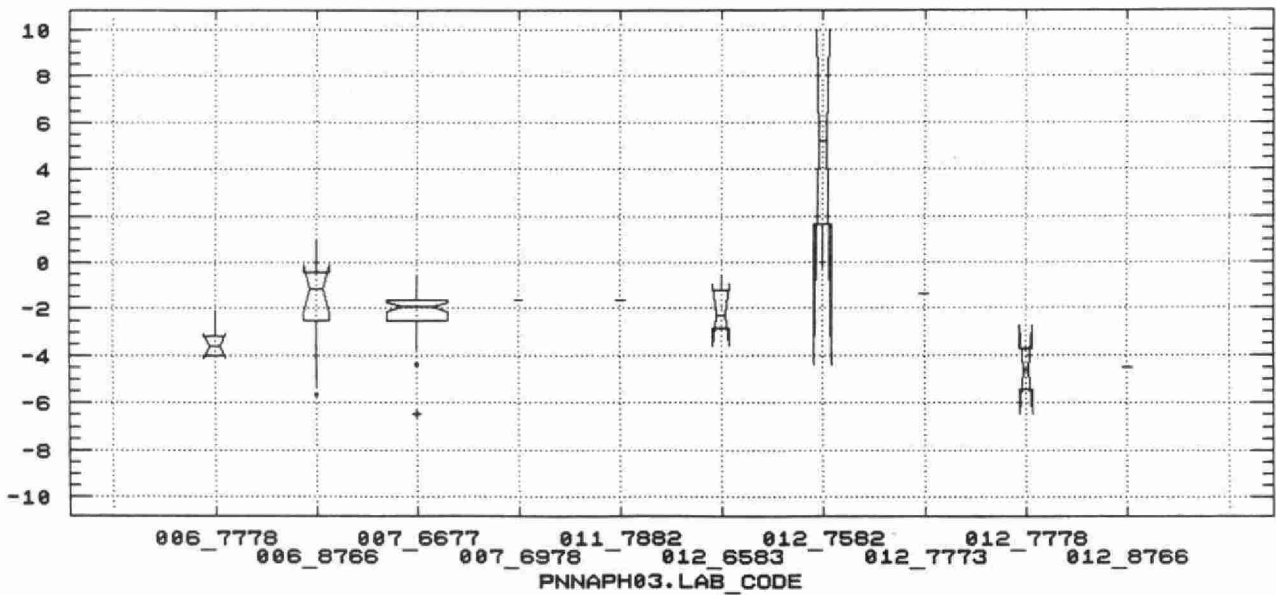
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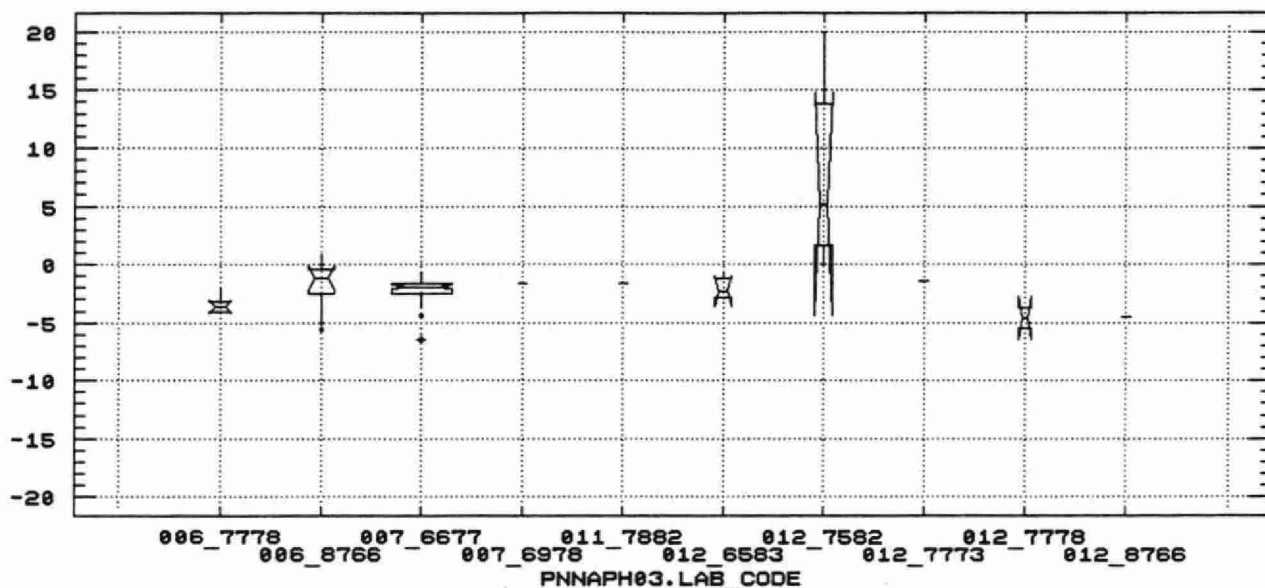


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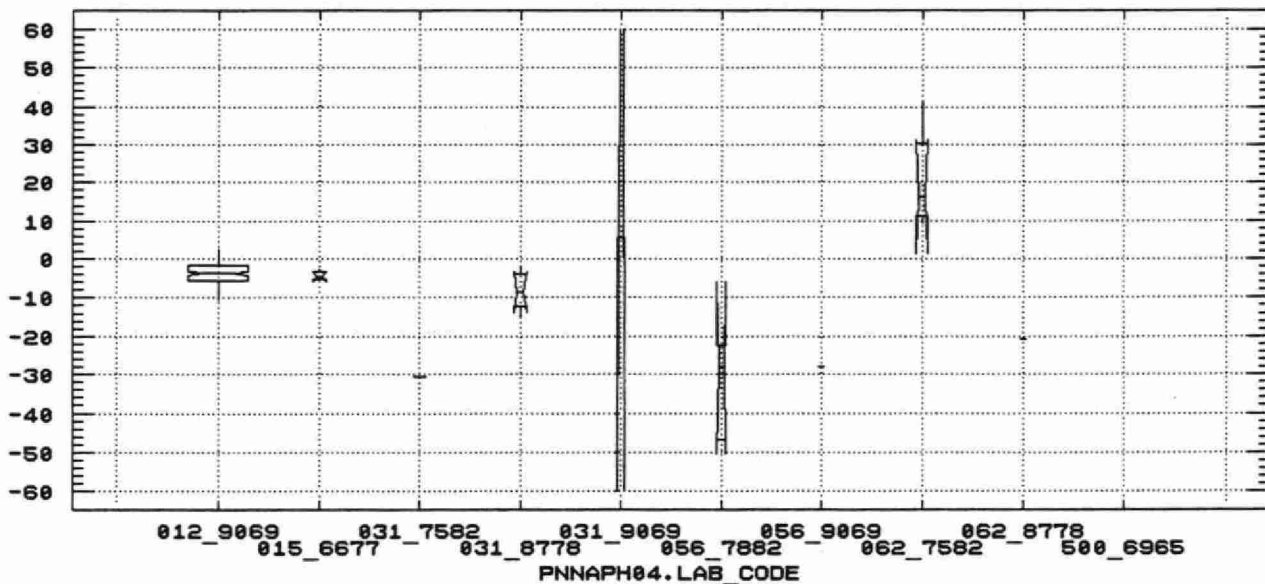


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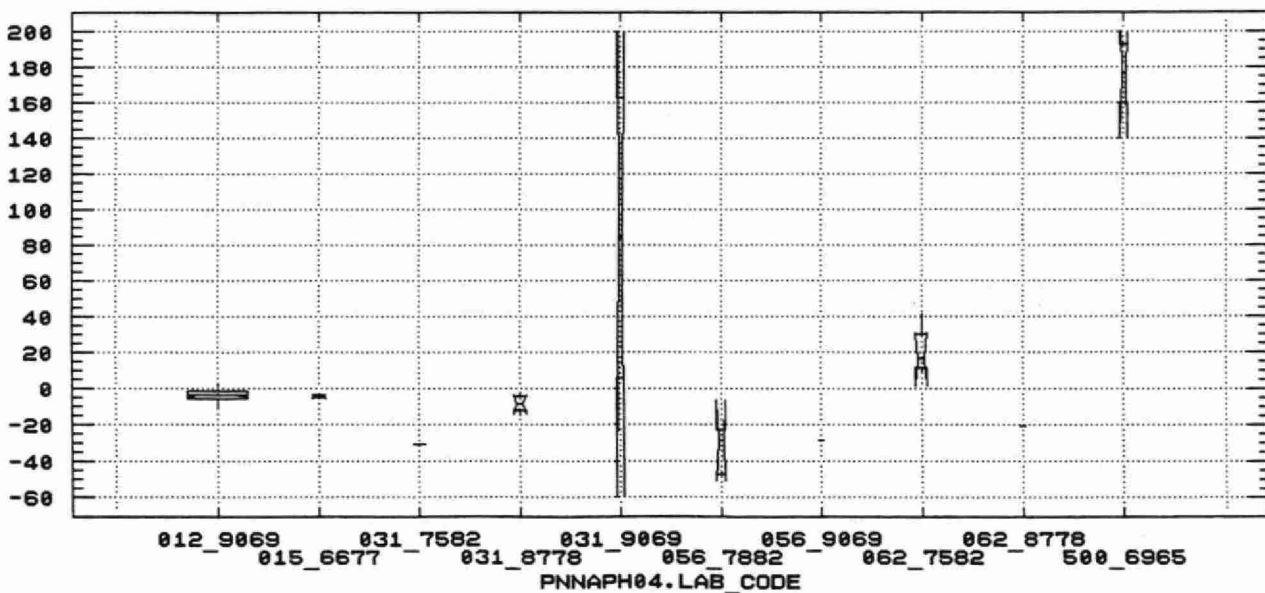
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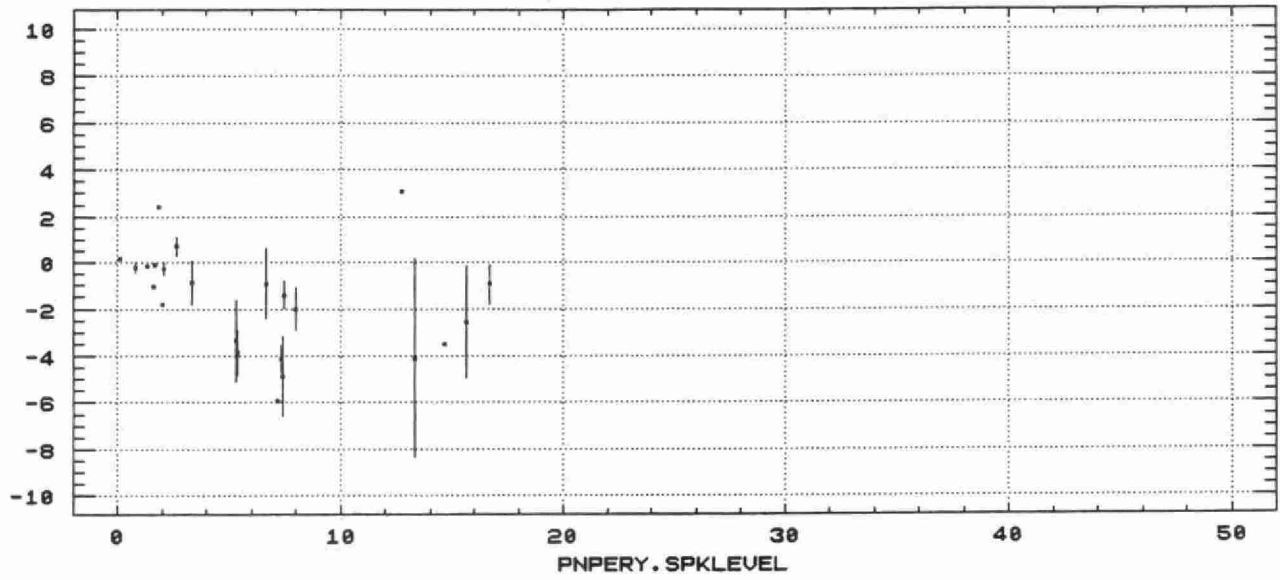
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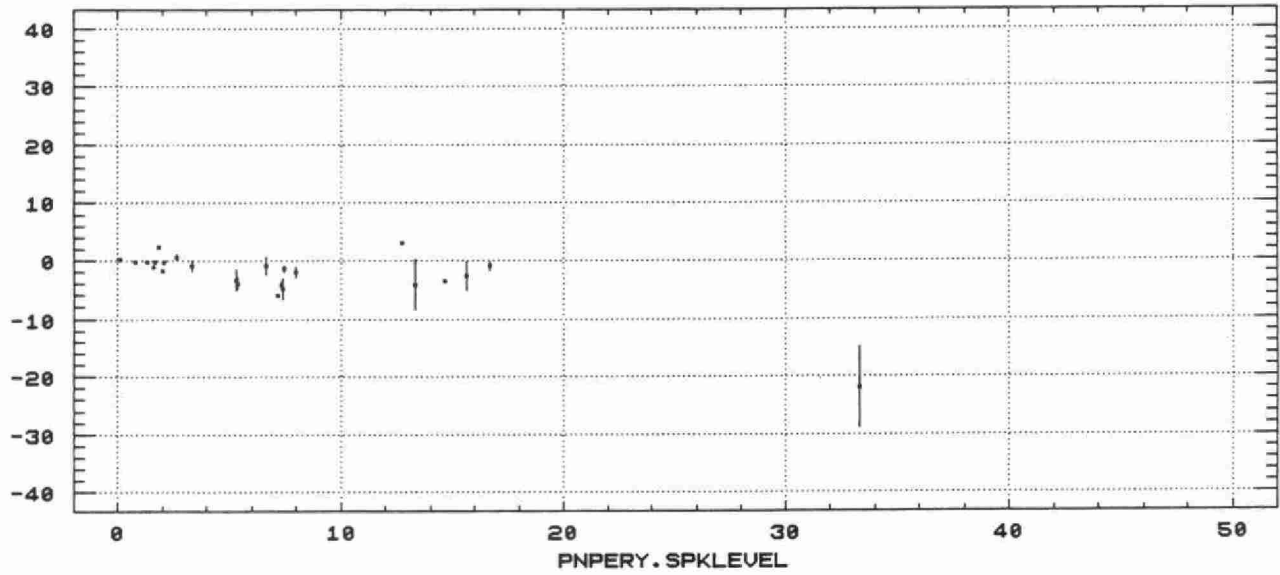
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PNPERY.AVG



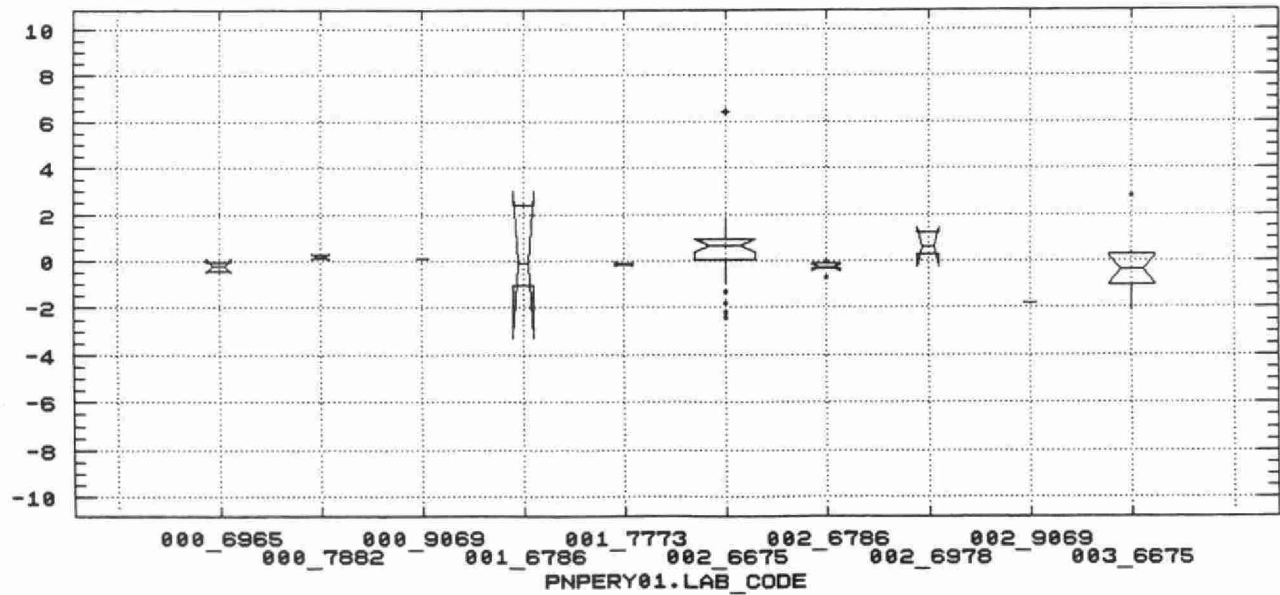
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PNPERY.AVG



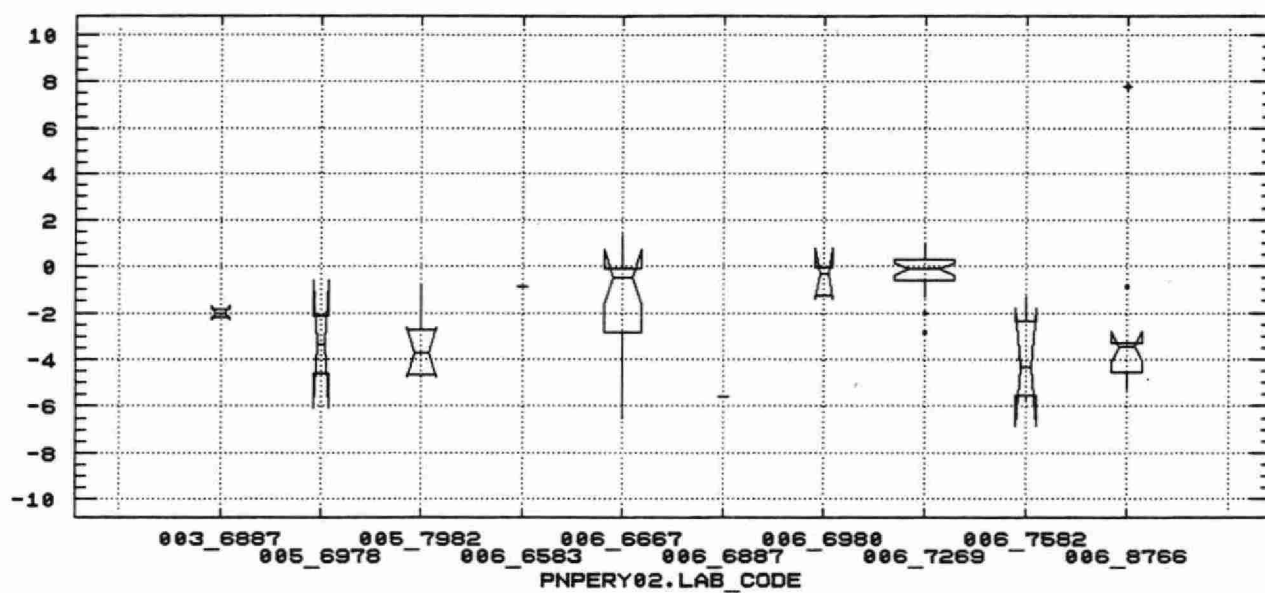
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PNPERY01.DIFF



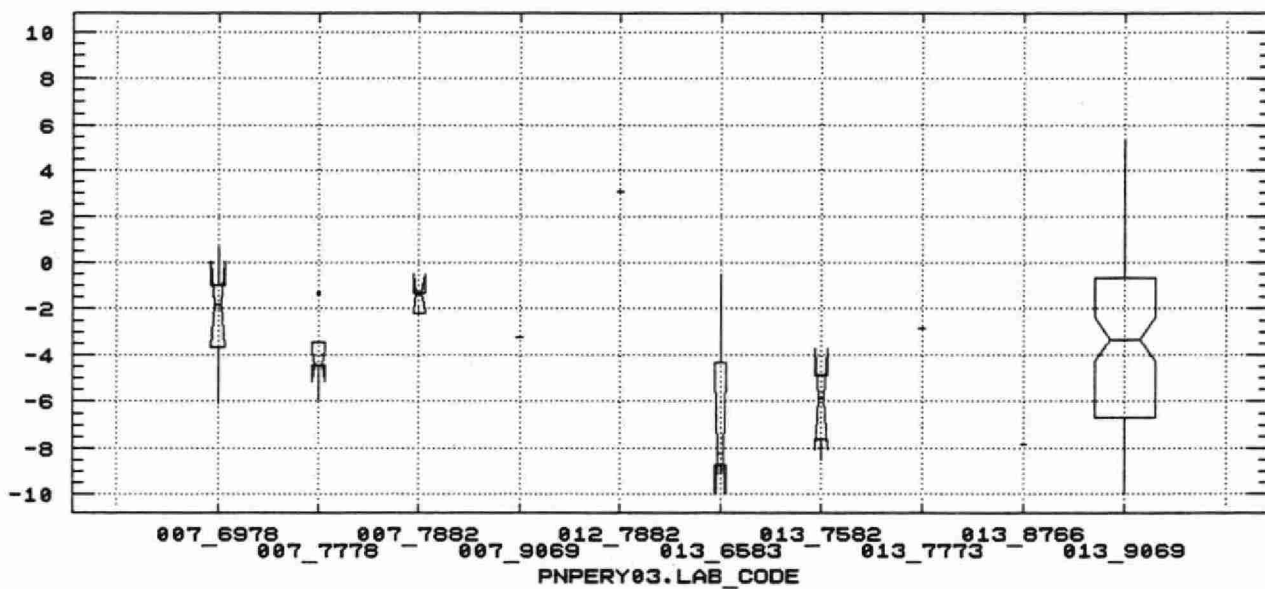
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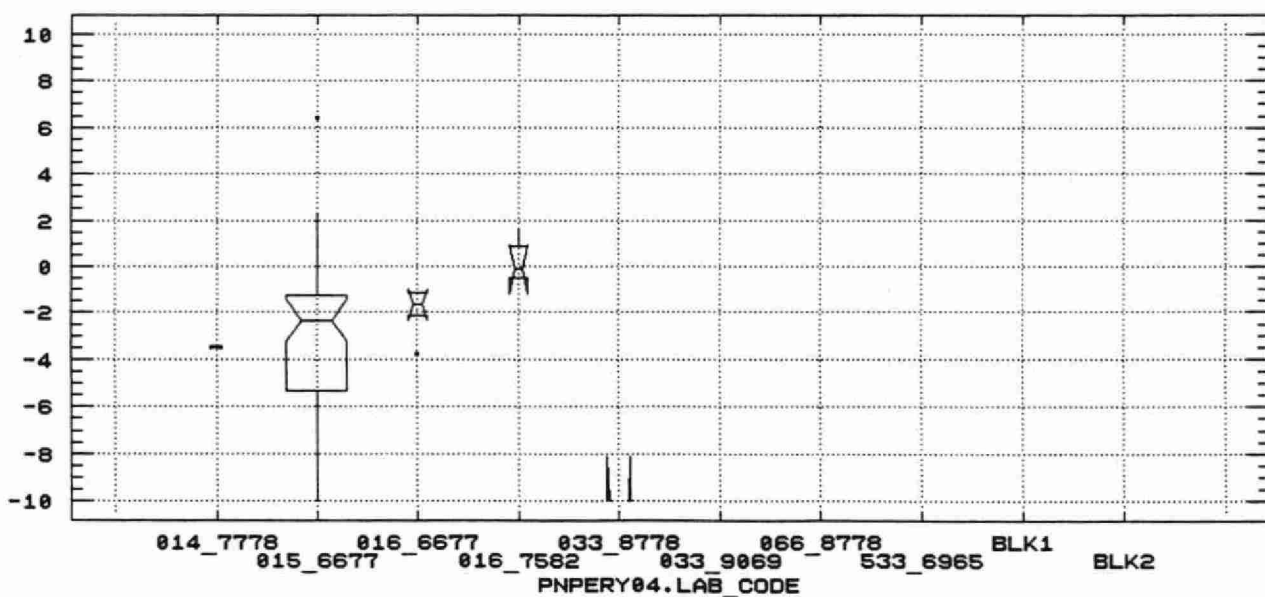
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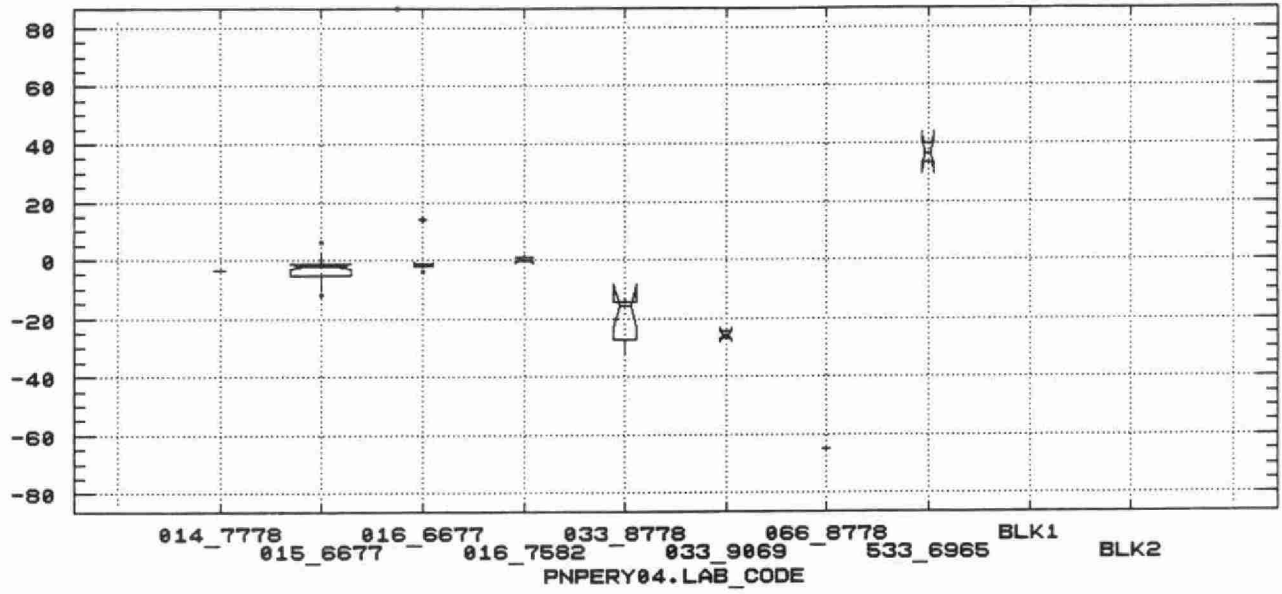
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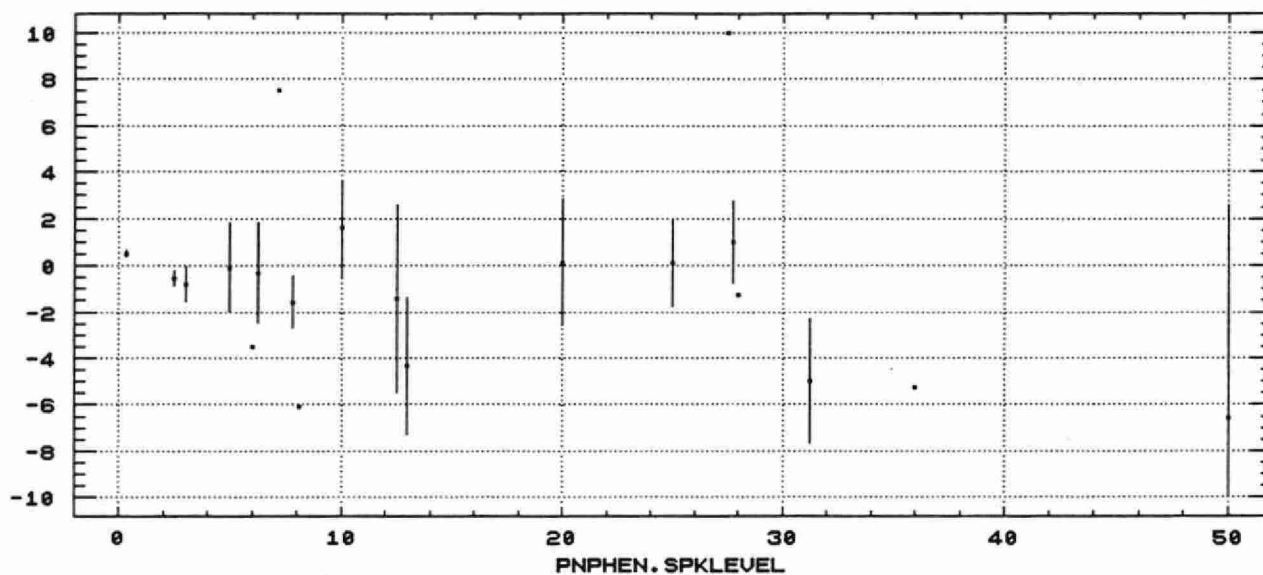
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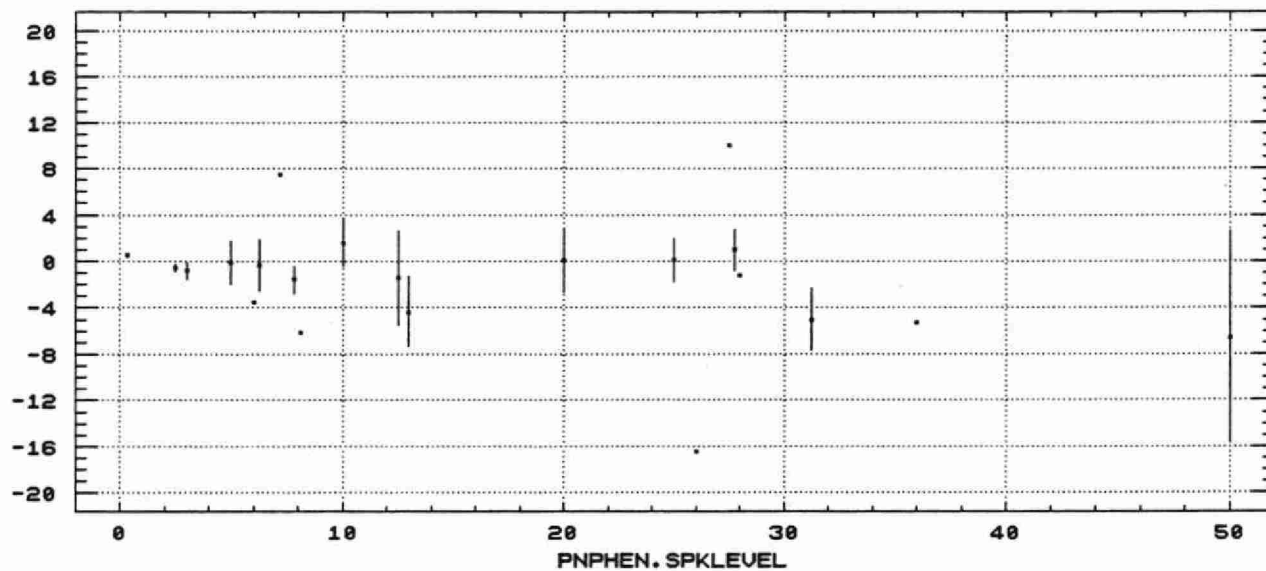
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PNPHEN.AUG



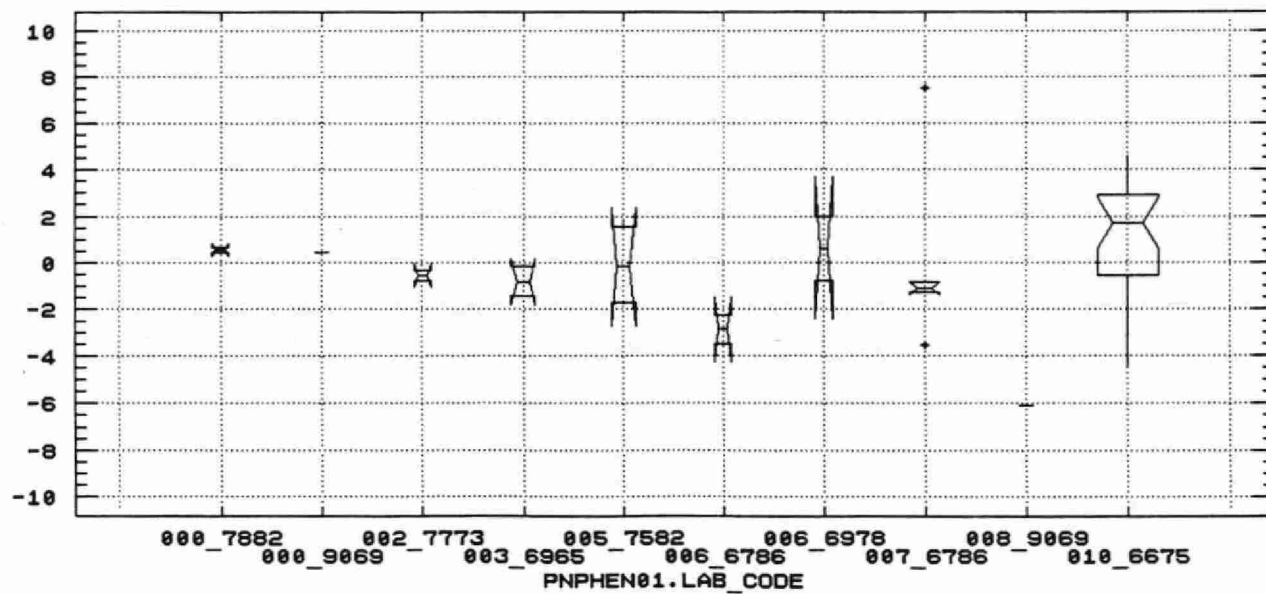
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PNPHEN.AUG



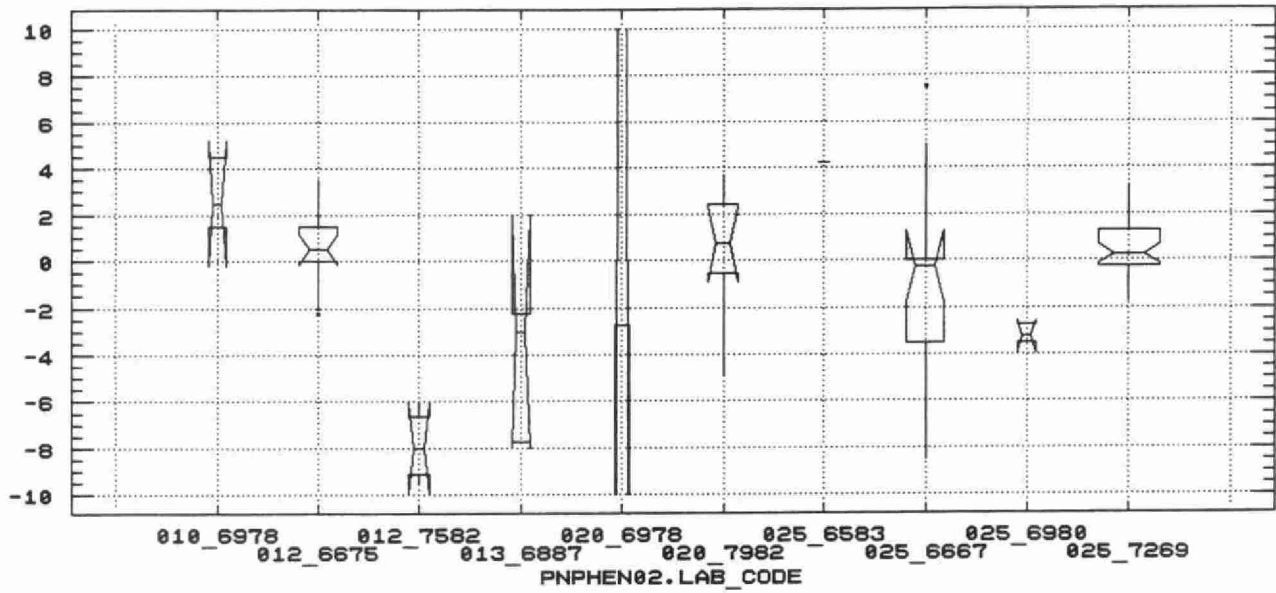
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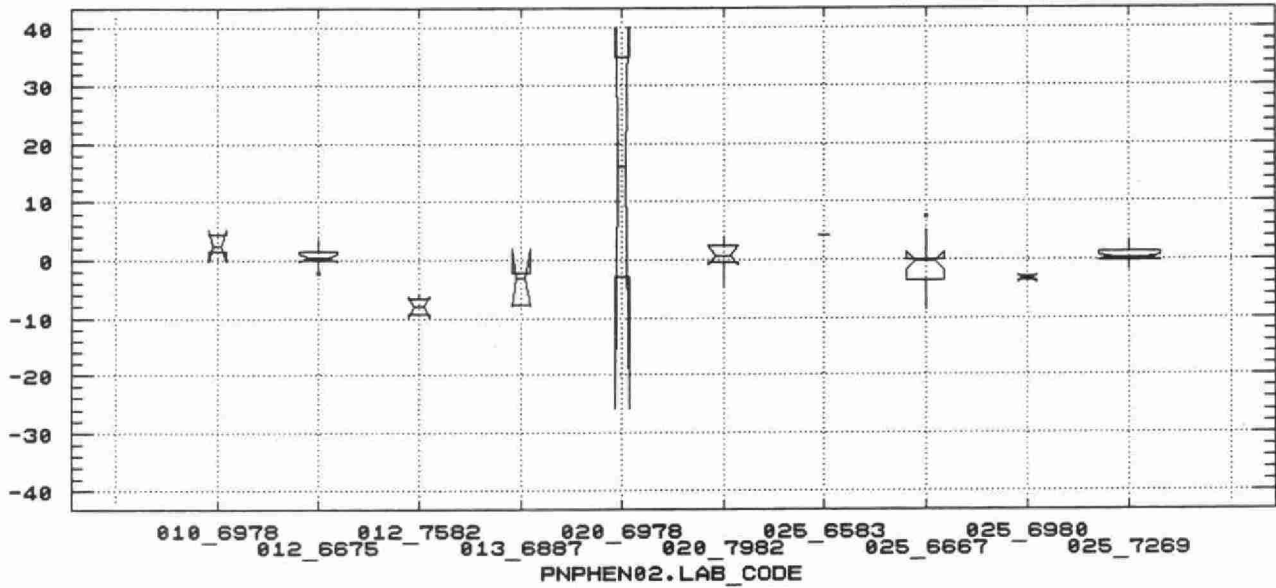
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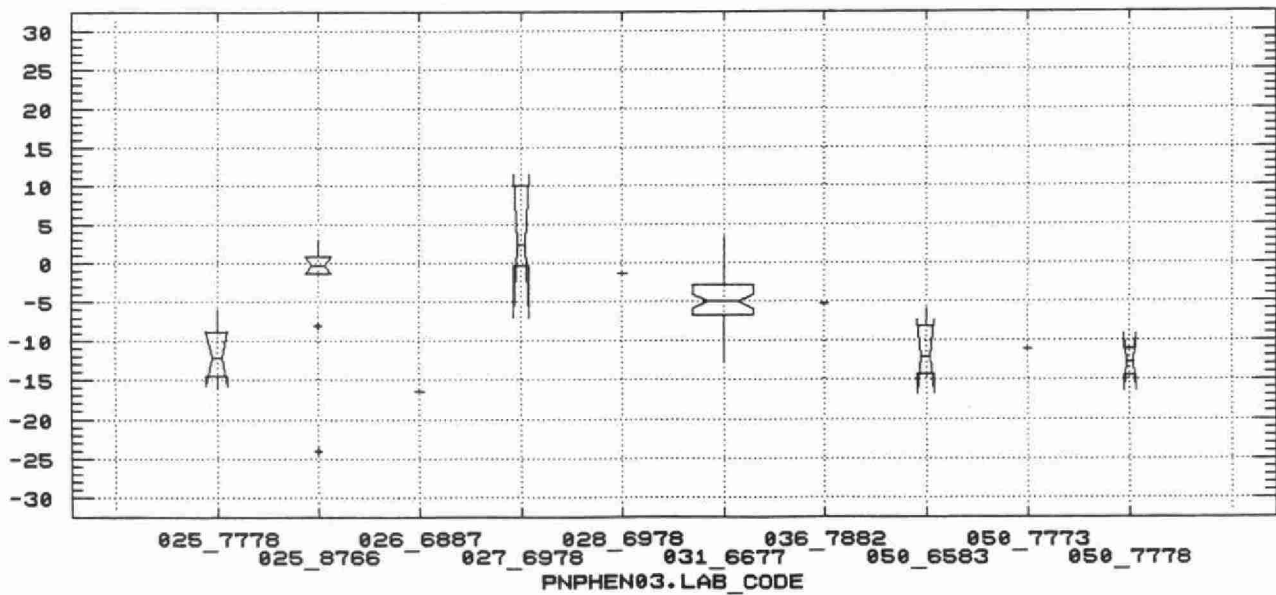
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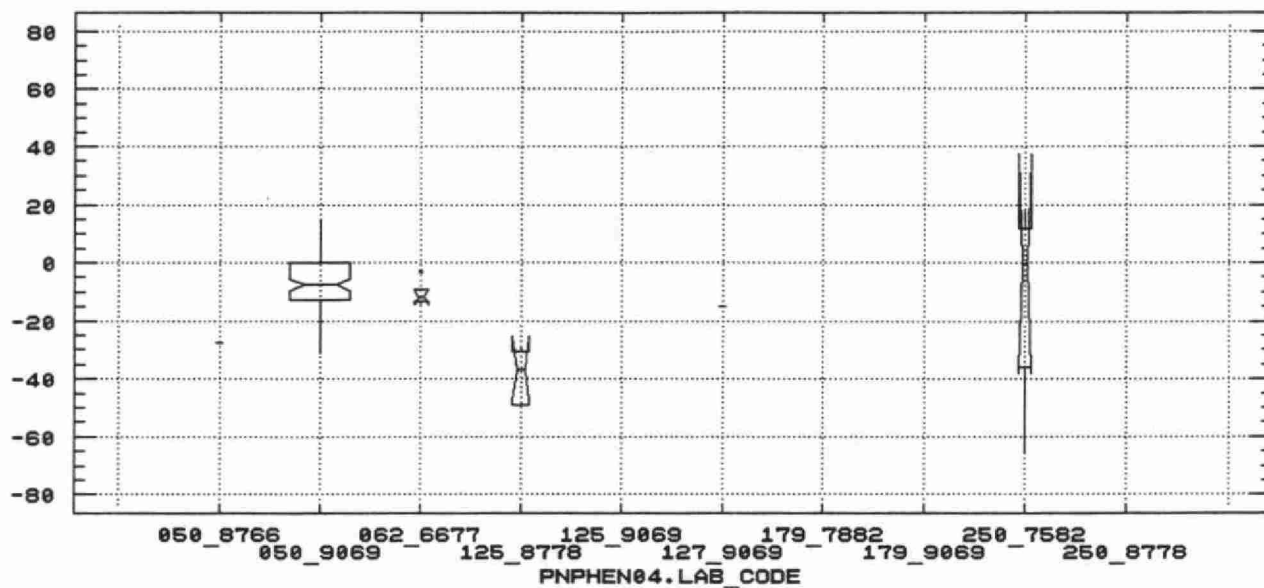
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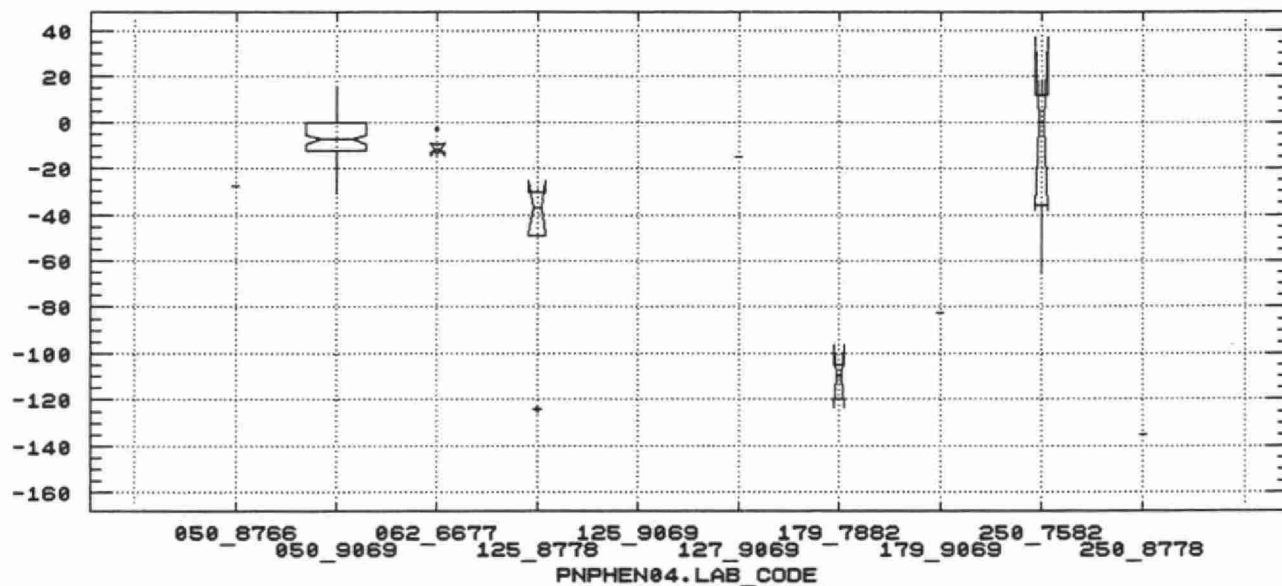
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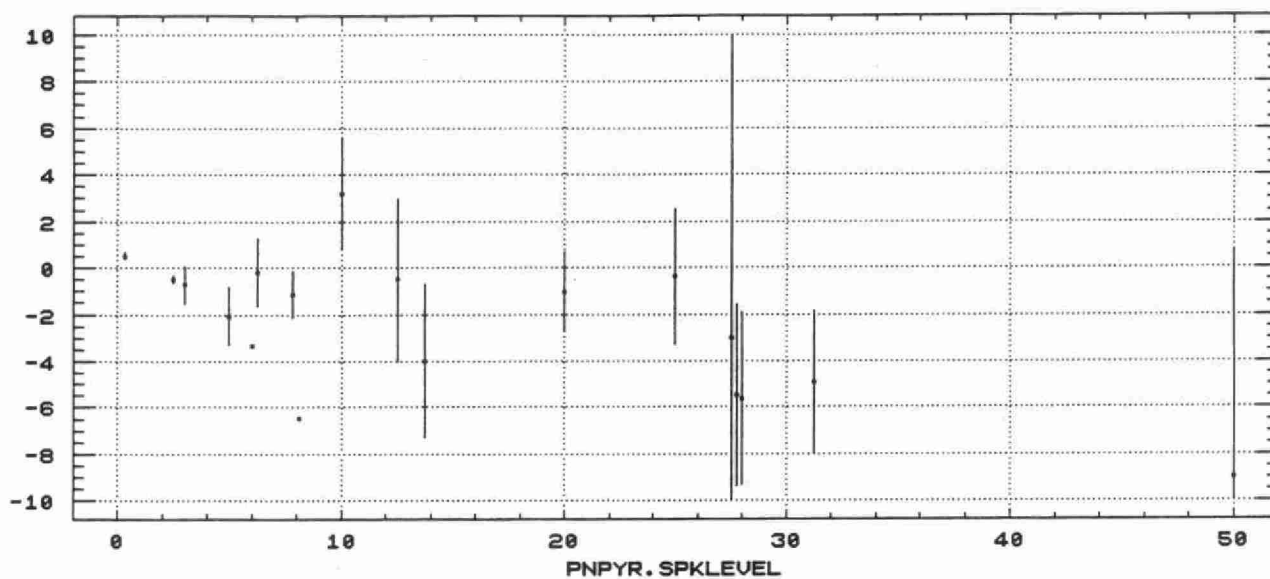


TRAVELLING SPIKED BLANKS

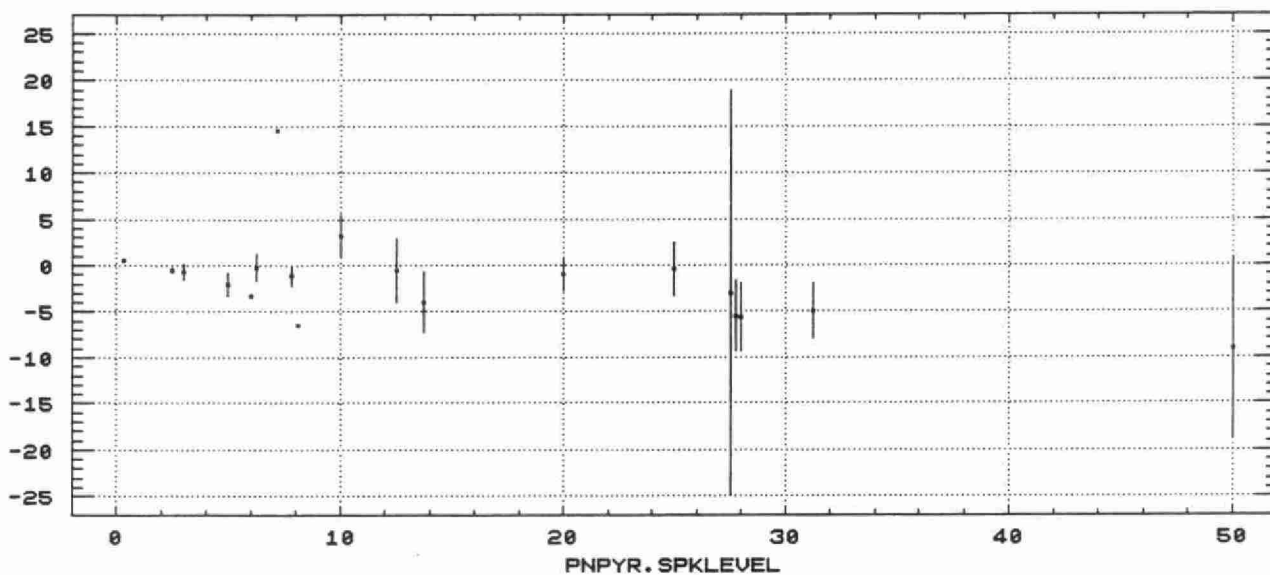
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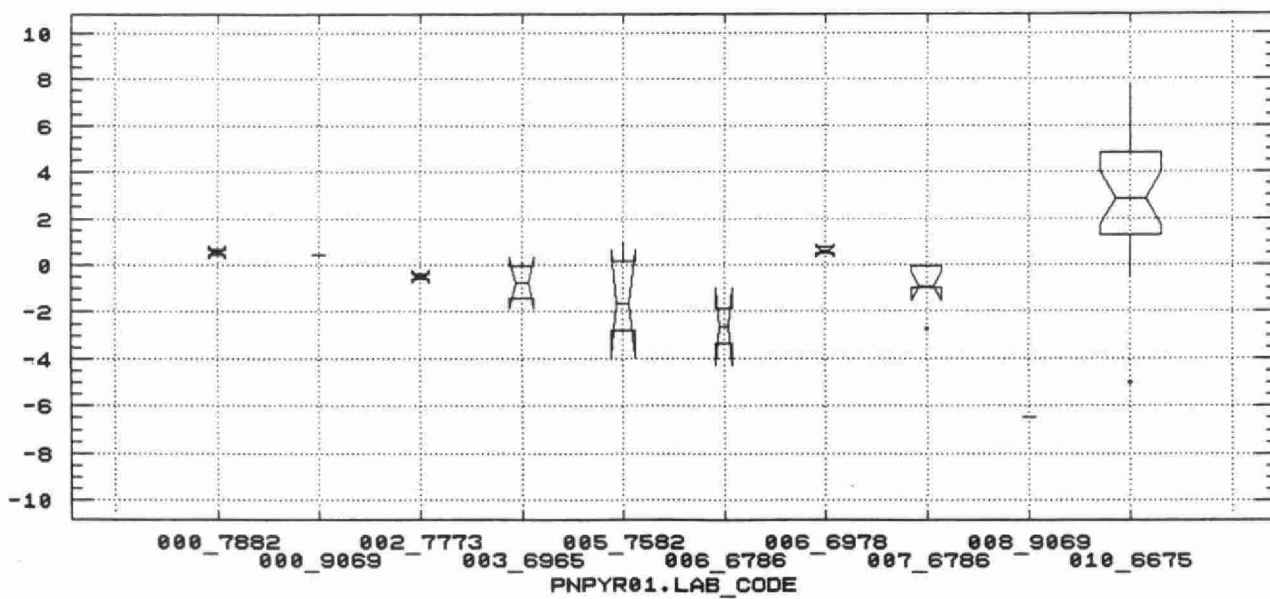
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TRAVELLING SPIKED BLANKS

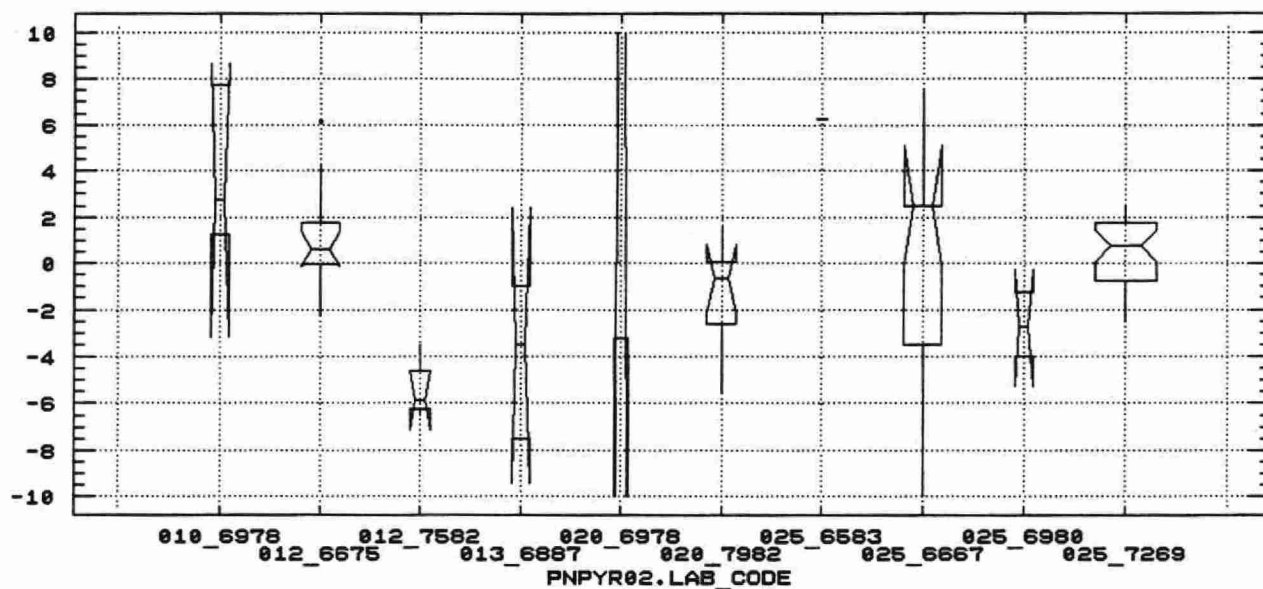


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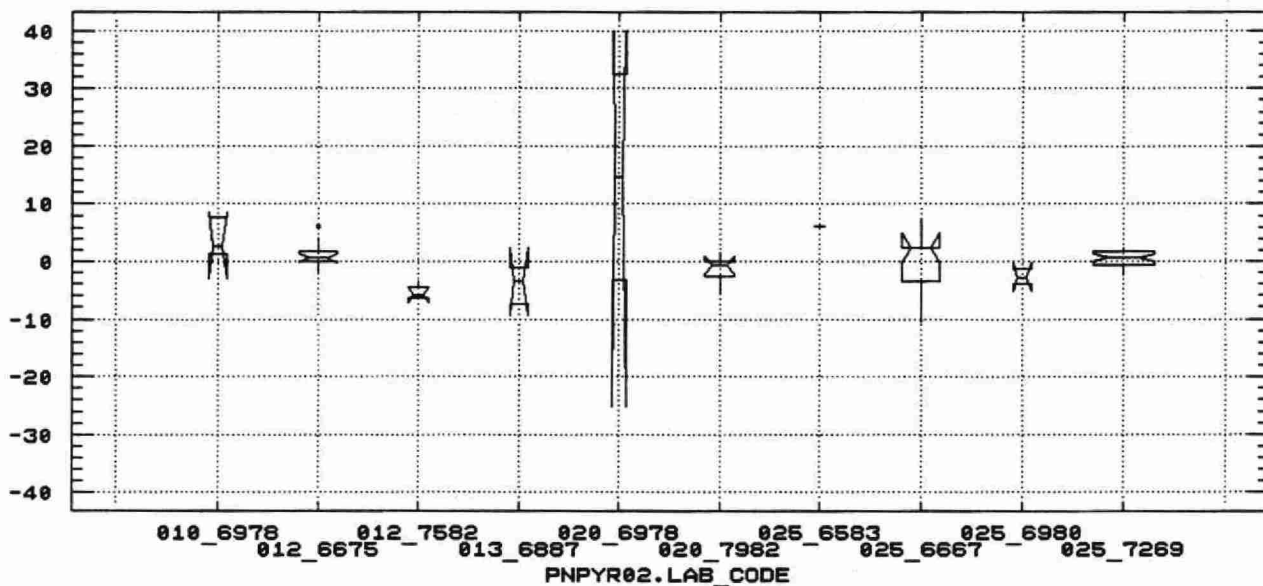
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PNPYR02.DIFF



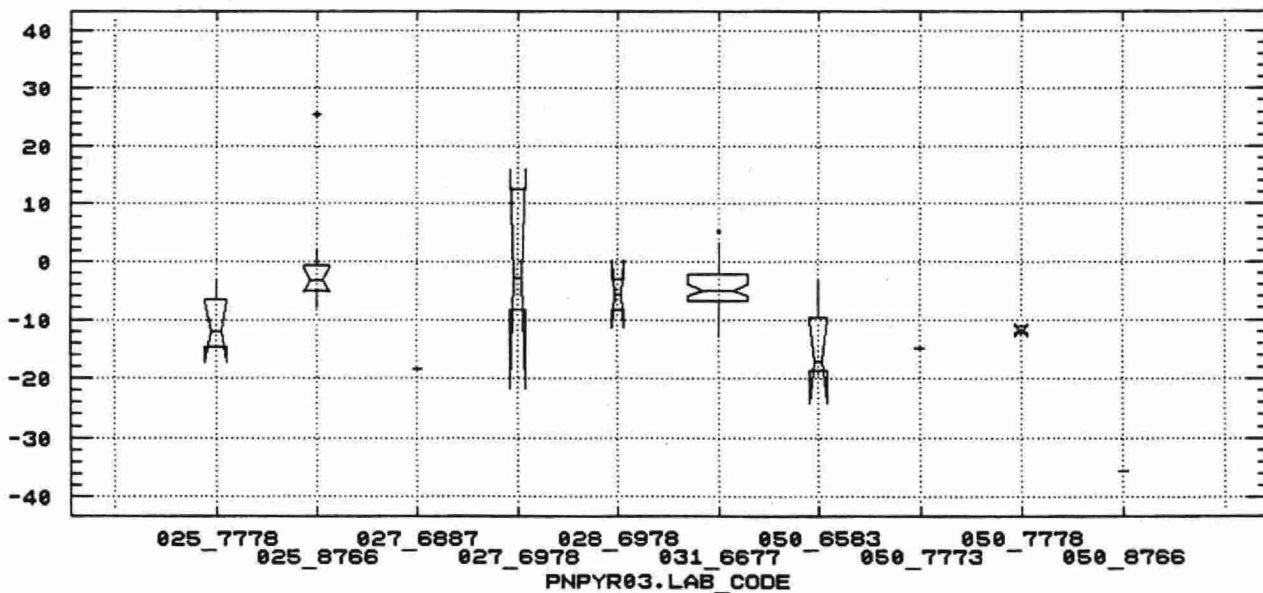
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PNPYR02.DIFF



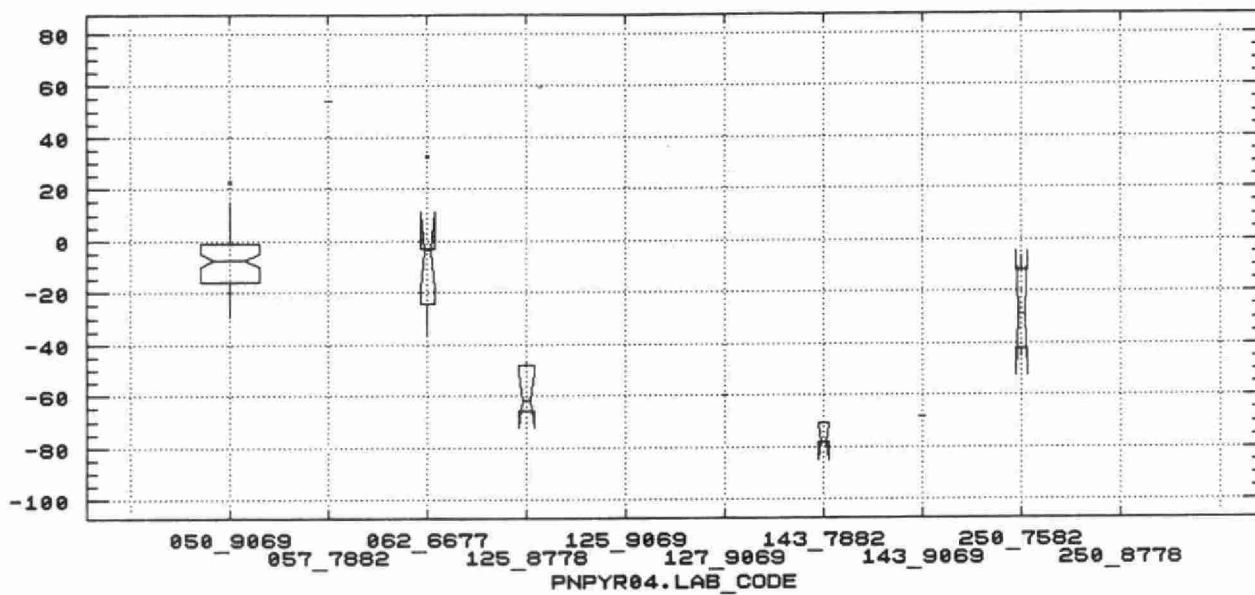
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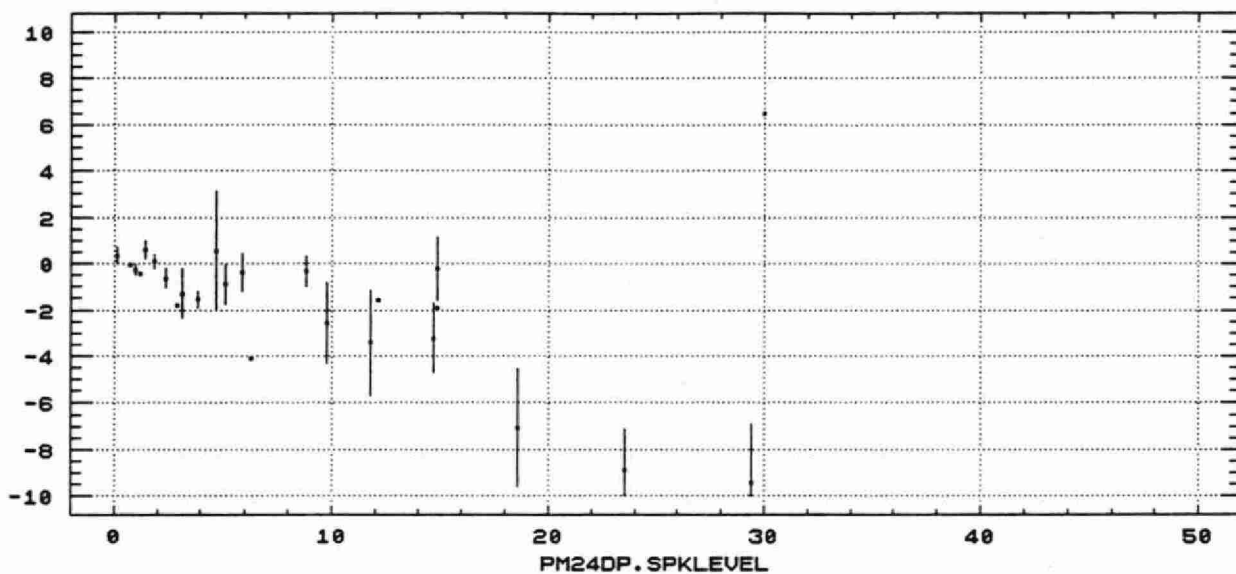


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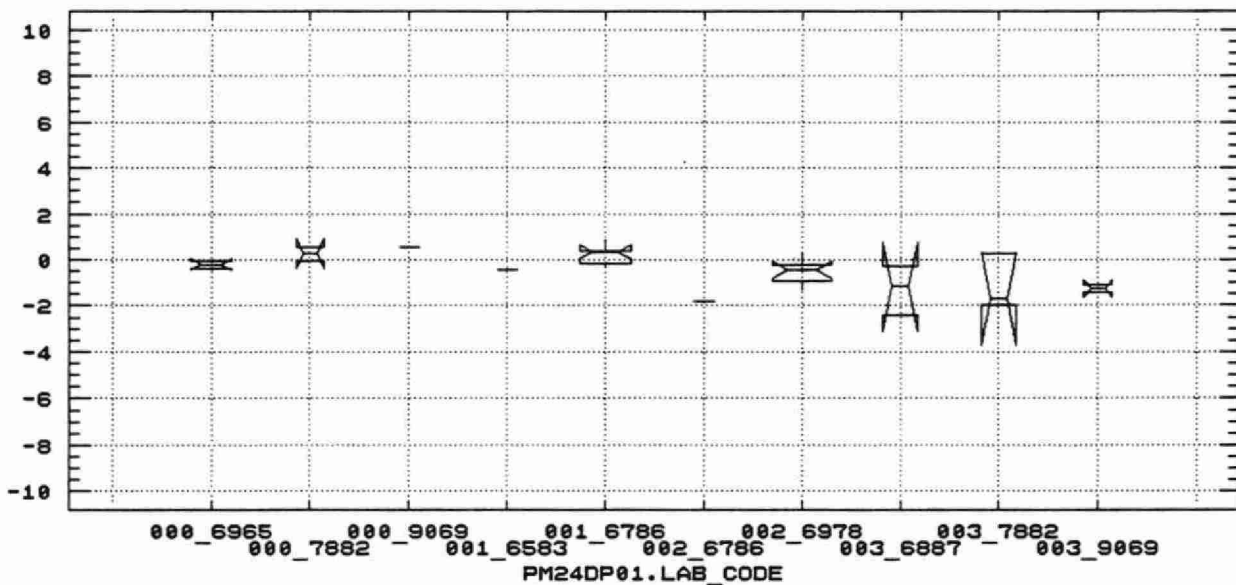


PM24DP.AUG



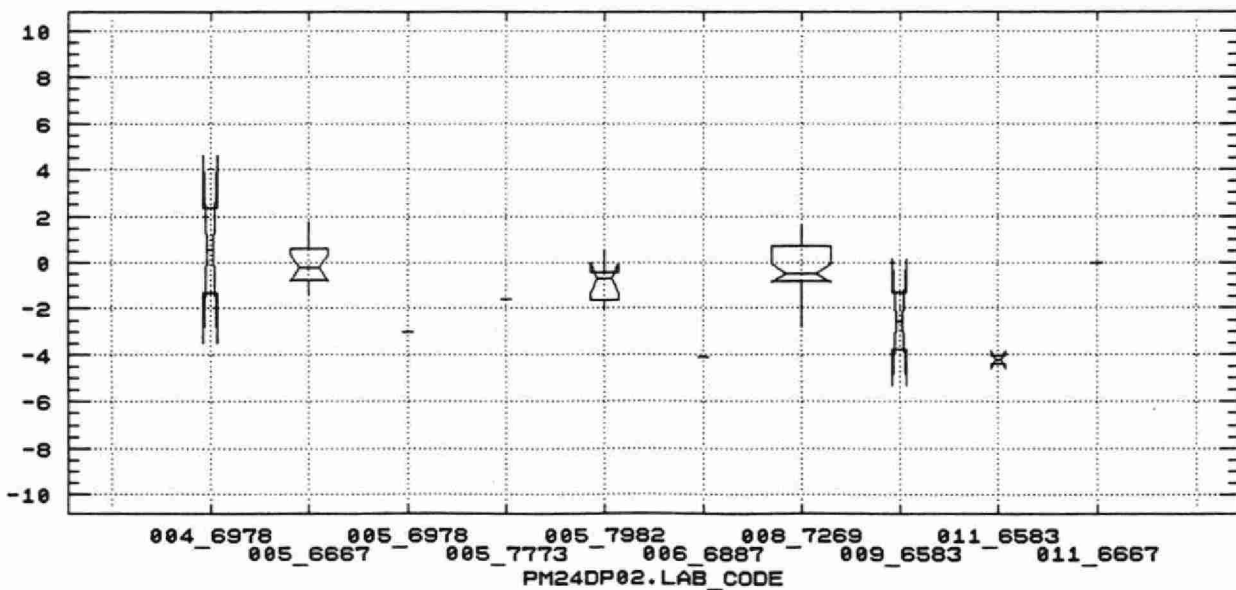
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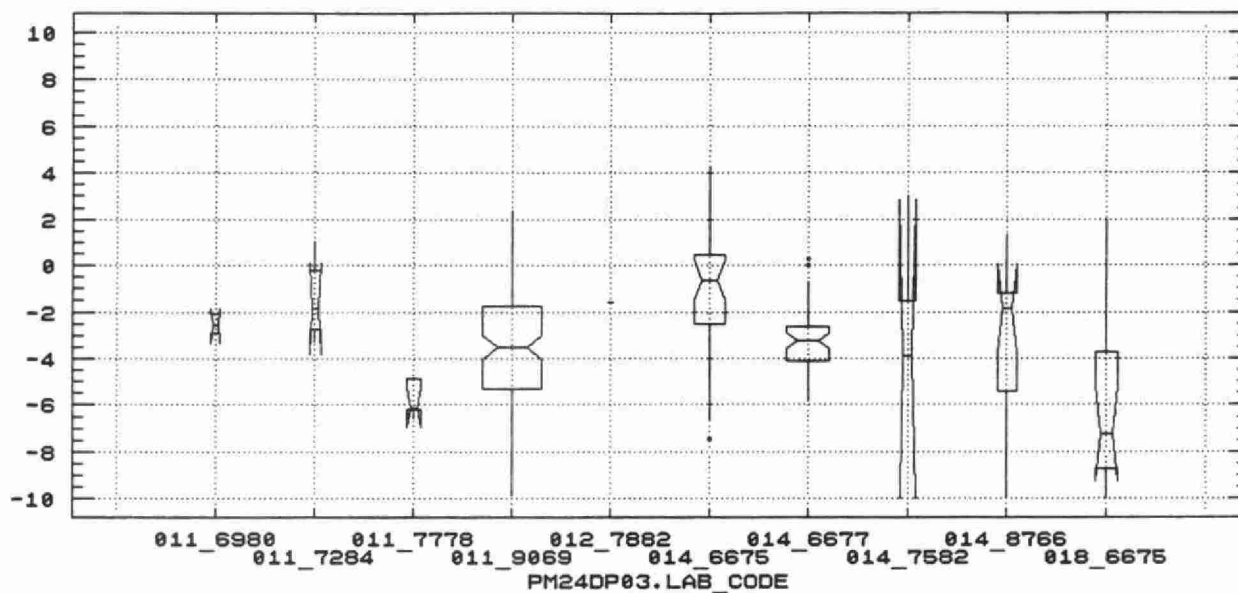
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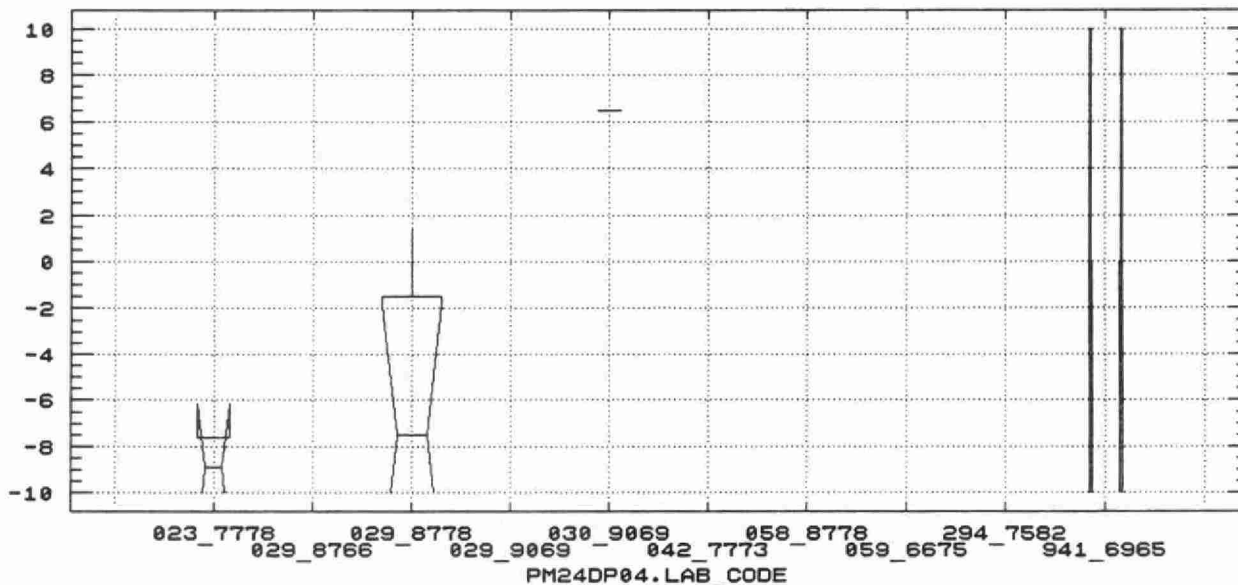
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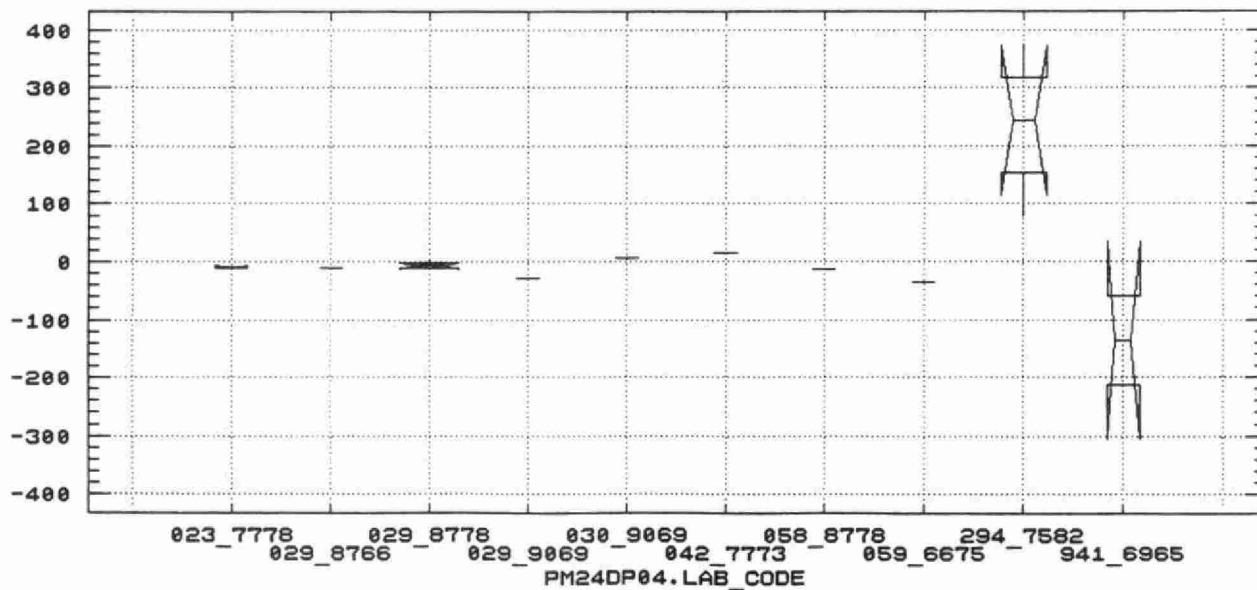
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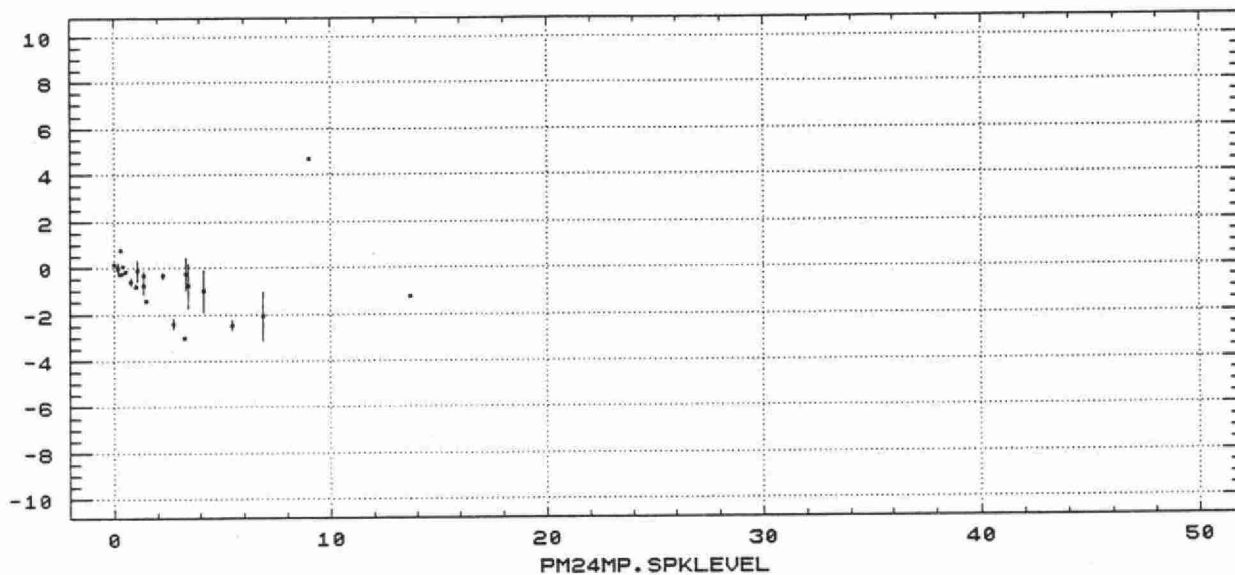
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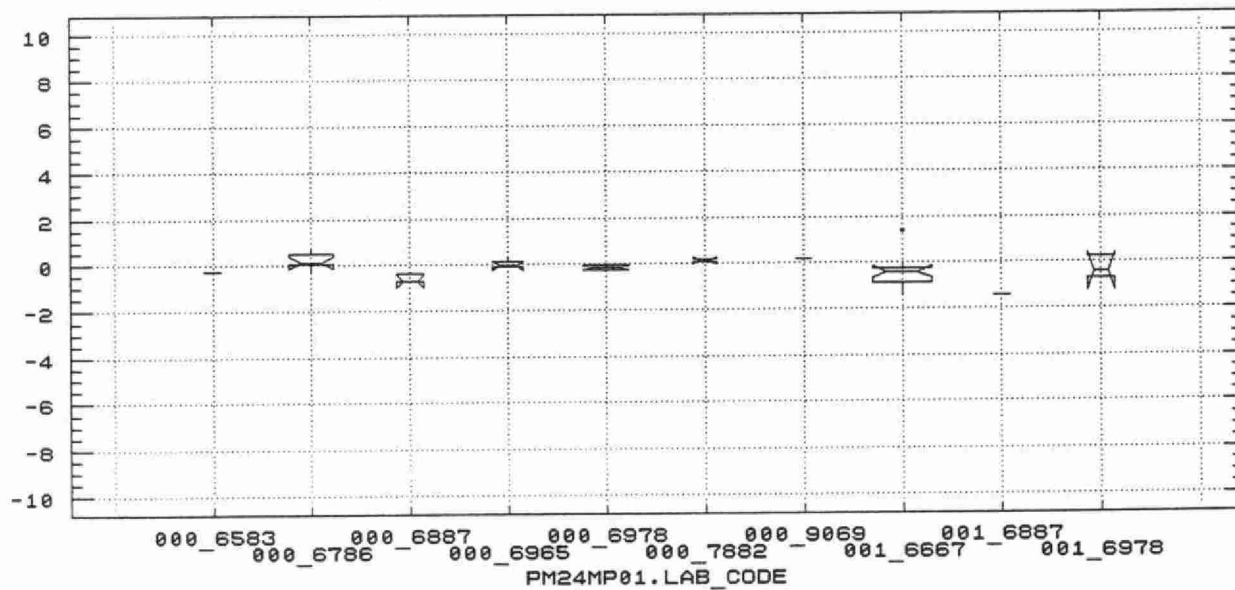
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PM24MP.AVG



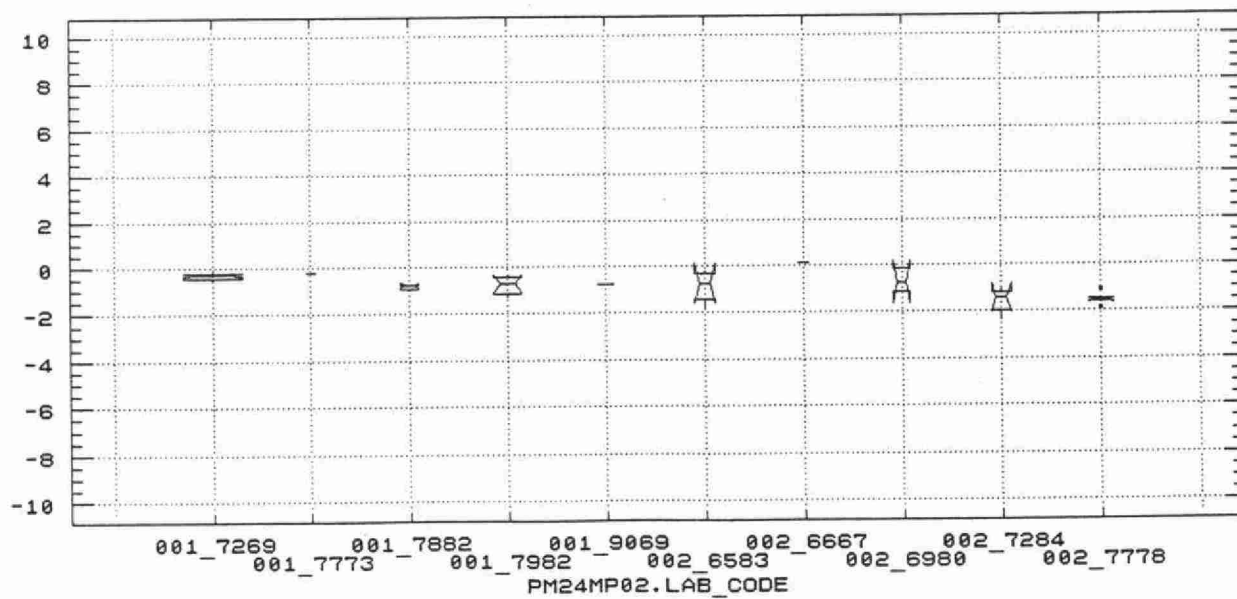
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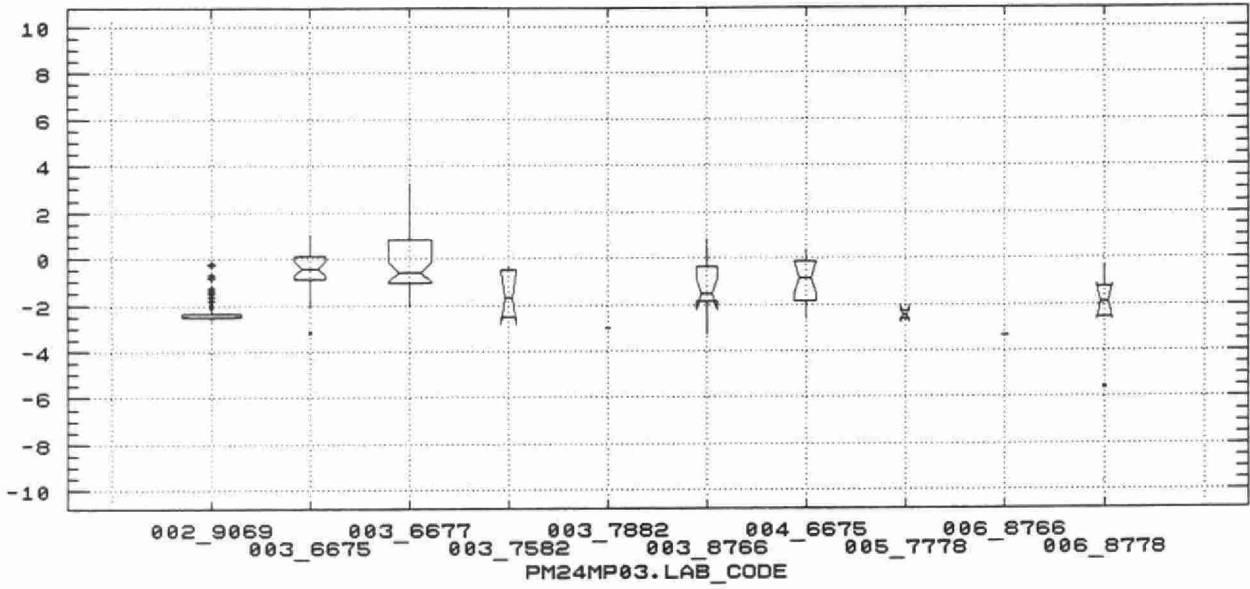
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PM24MP02.DIFF



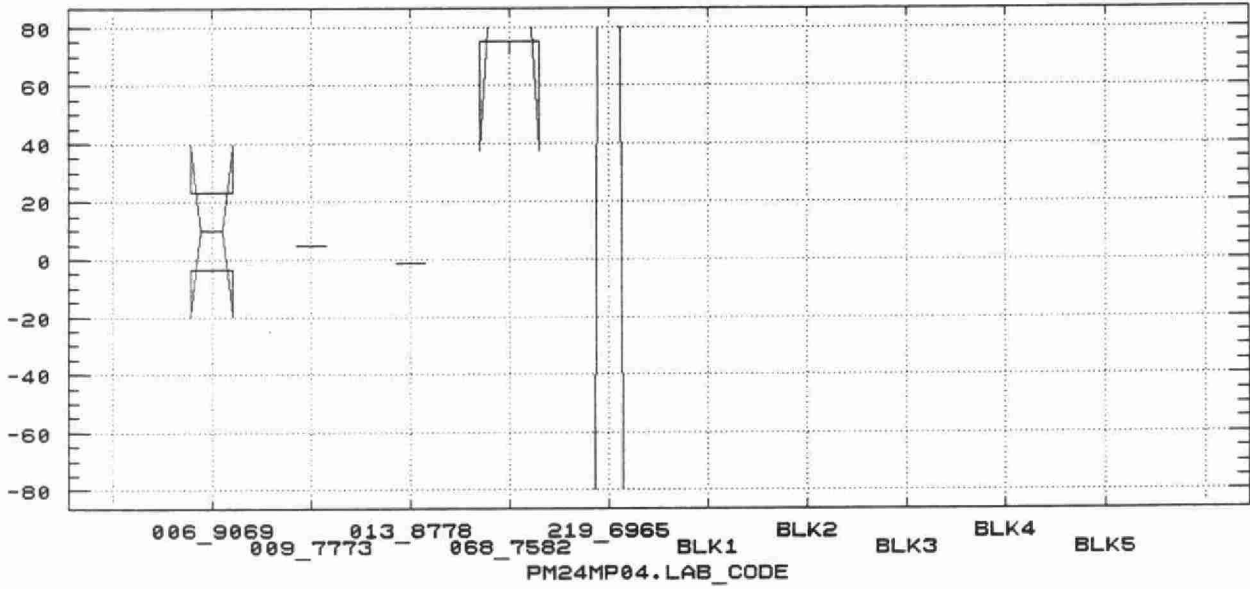
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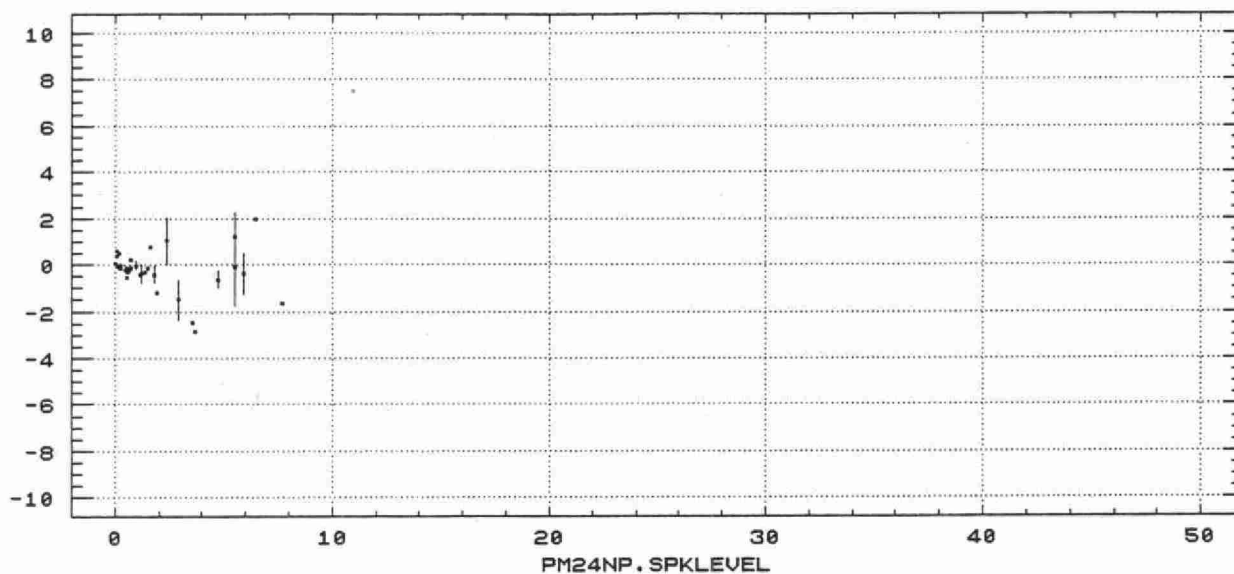


TRAVELLING SPIKED BLANKS

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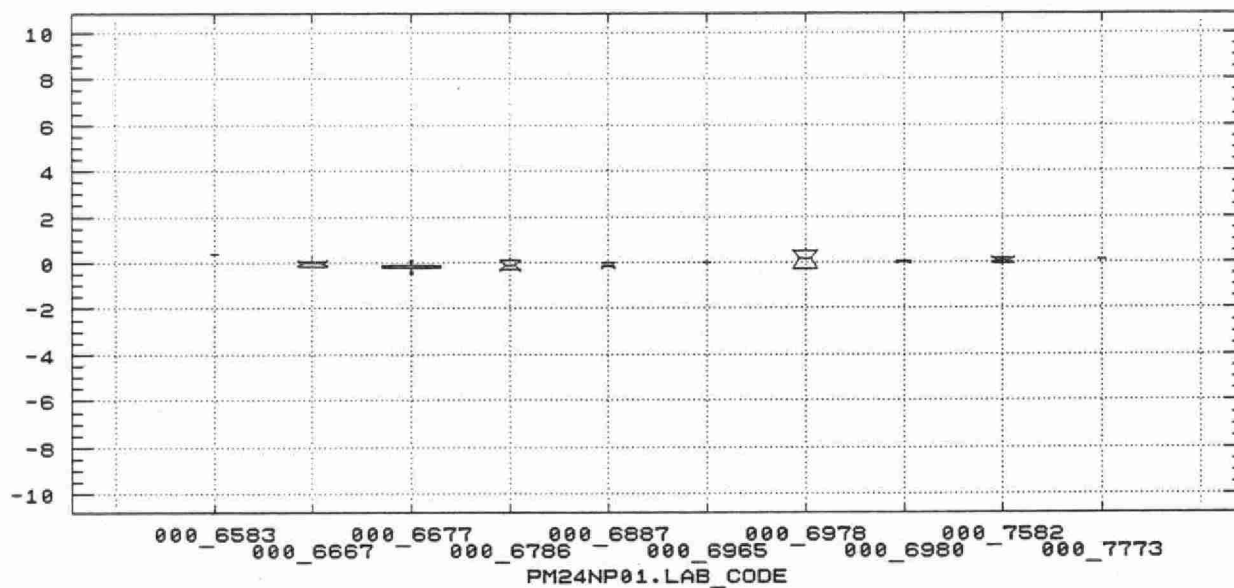


PM24NP.AVG



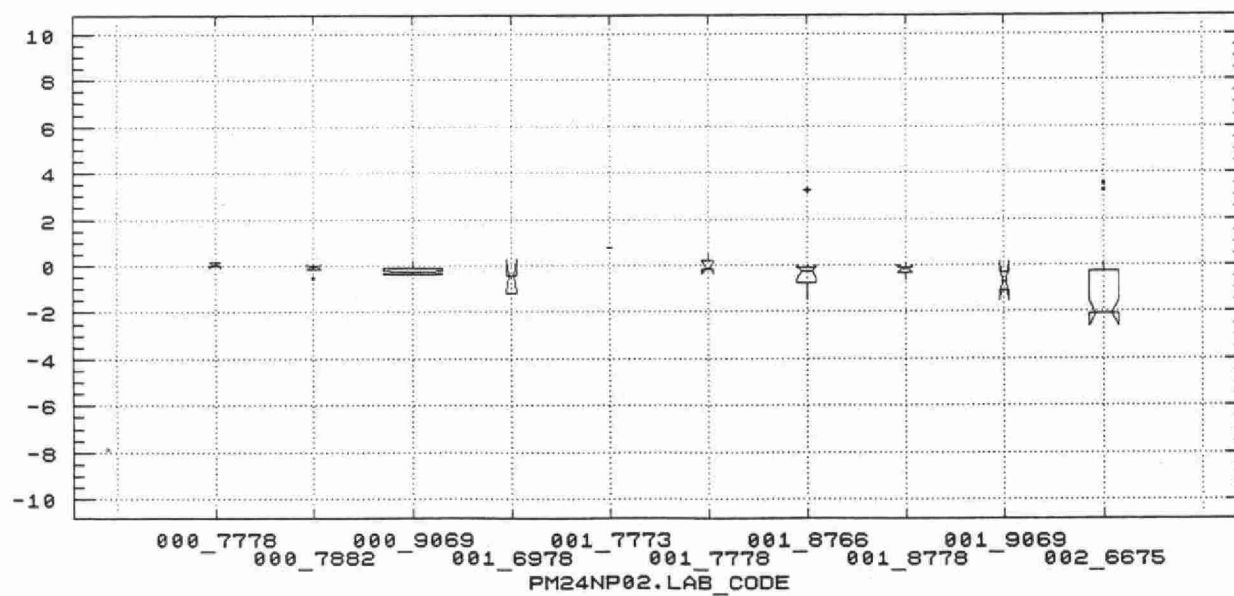
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PM24NP01.DIFF



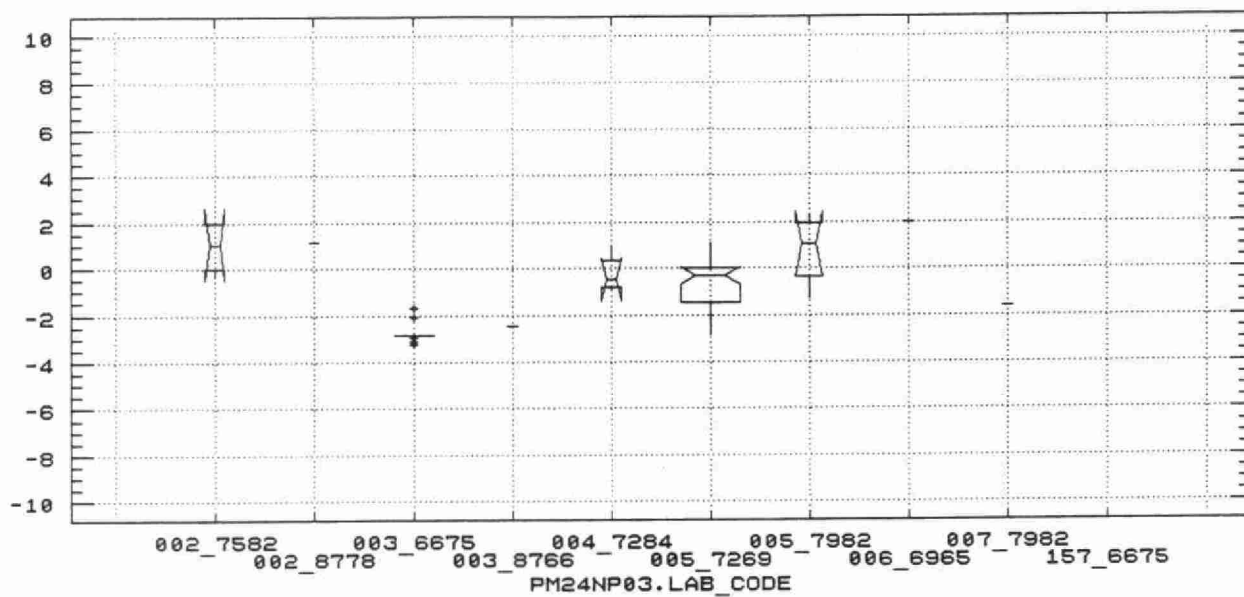
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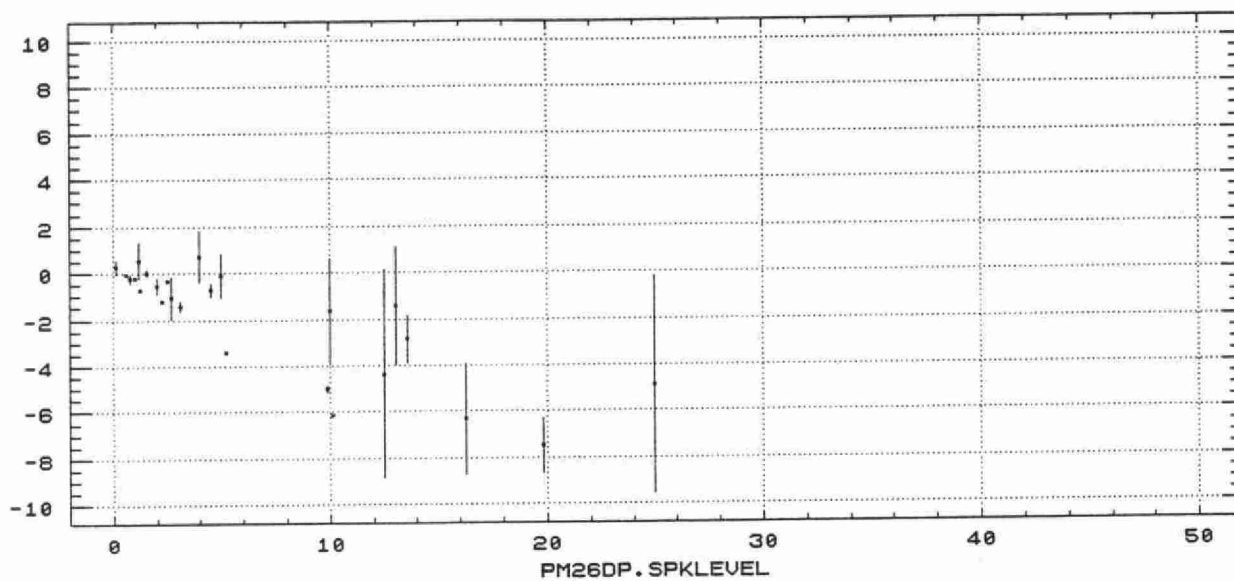


TRAVELLING SPIKED BLANKS

PM24NP03.DIFF

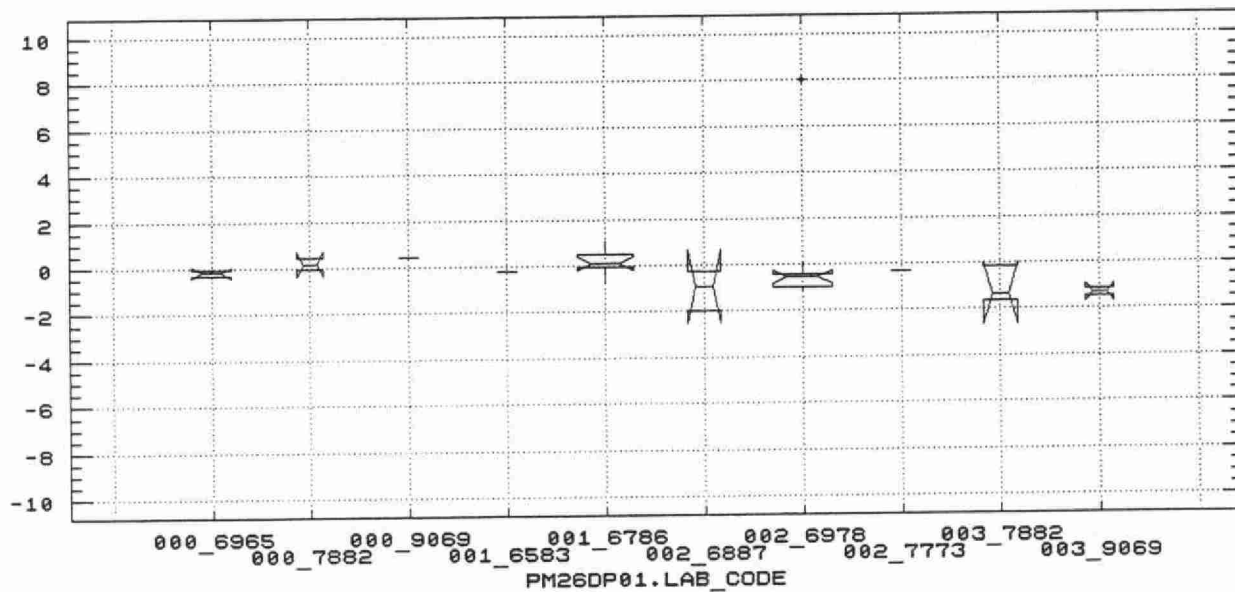


PM26DP.AVG



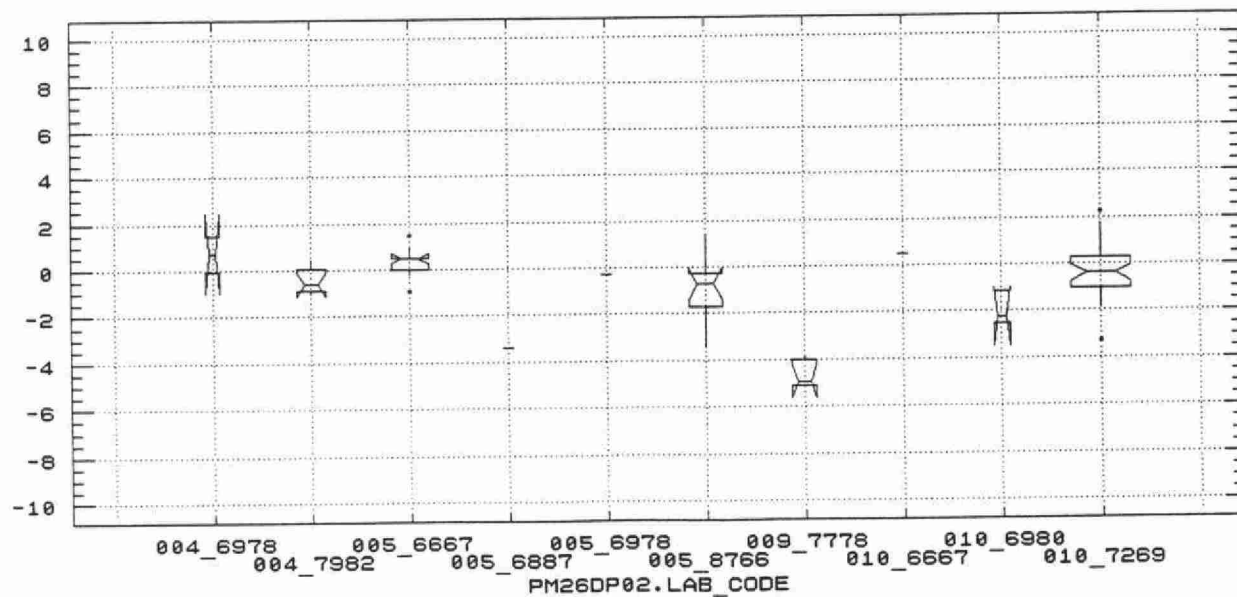
TRAVELLING SPIKED BLANKS

PM26DP01.DIFF



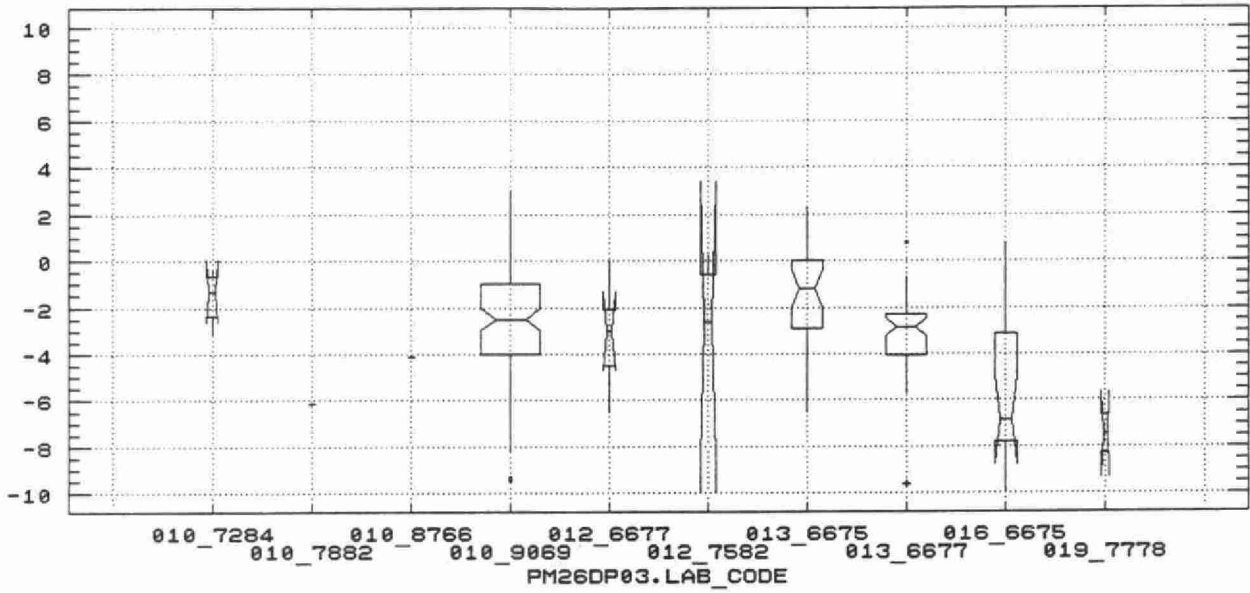
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PM26DP02.DIFF



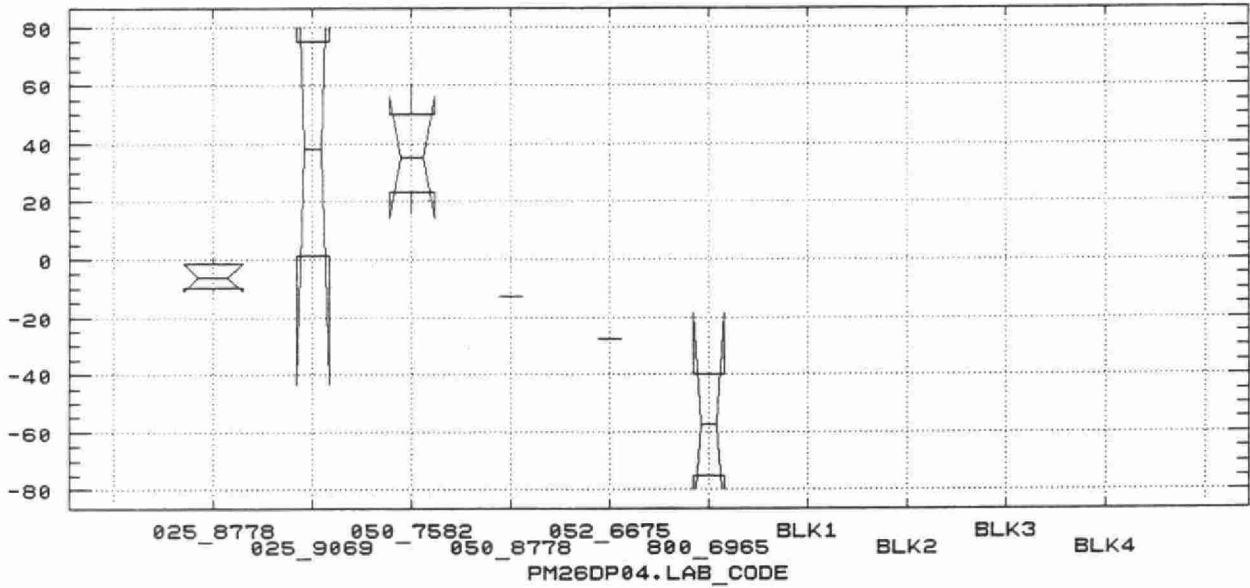
TRAVELLING SPIKED BLANKS

PM26DP03.DIFF



TRAVELLING SPIKED BLANKS

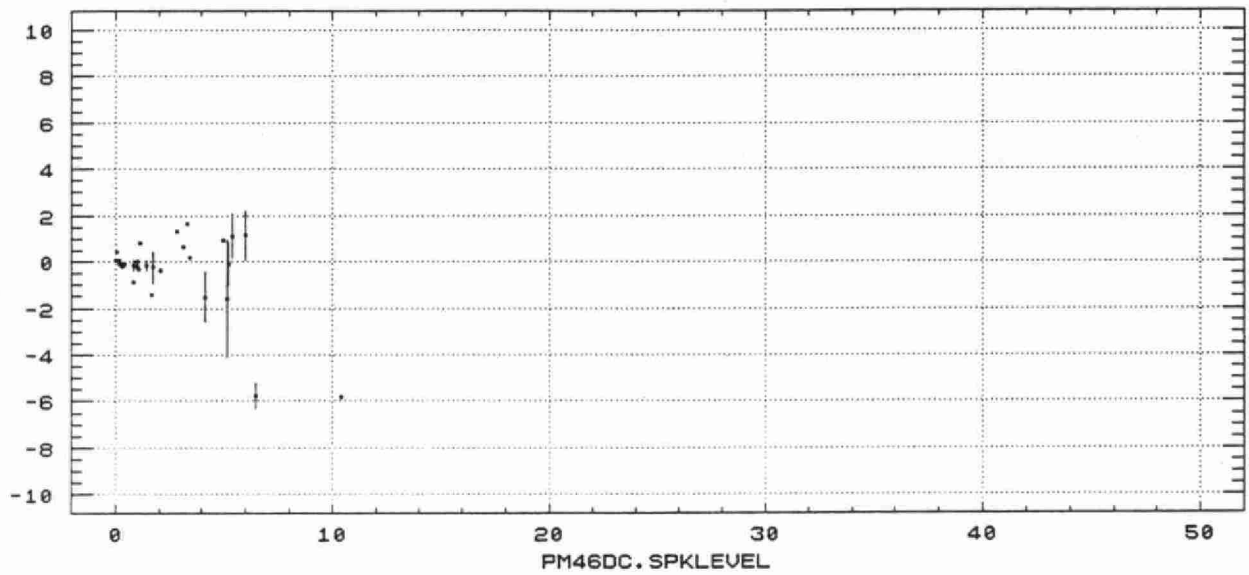
PM26DP04.DIFF



TRAVELLING SPIKED BLANKS

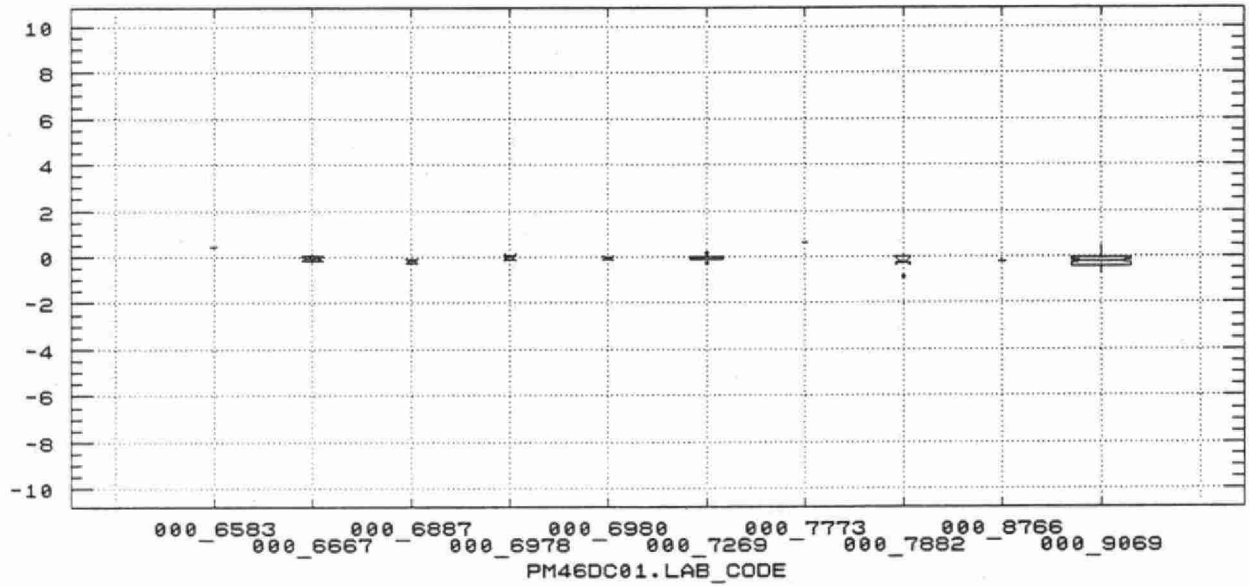
477

PM46DC.AUG



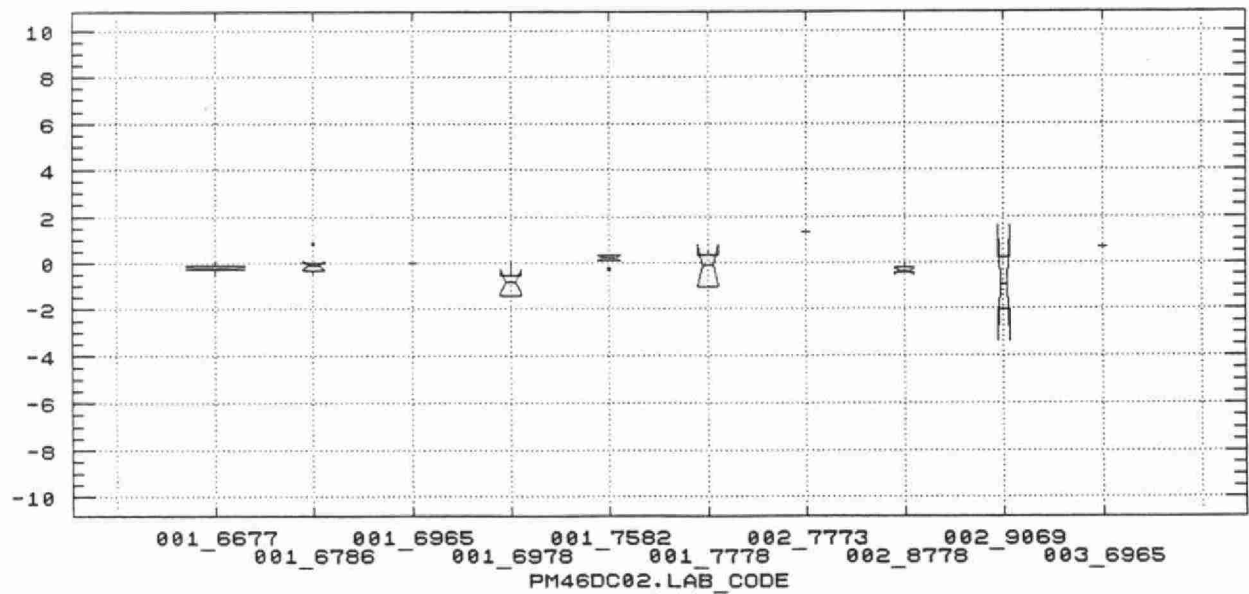
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PM46DC01.DIFF



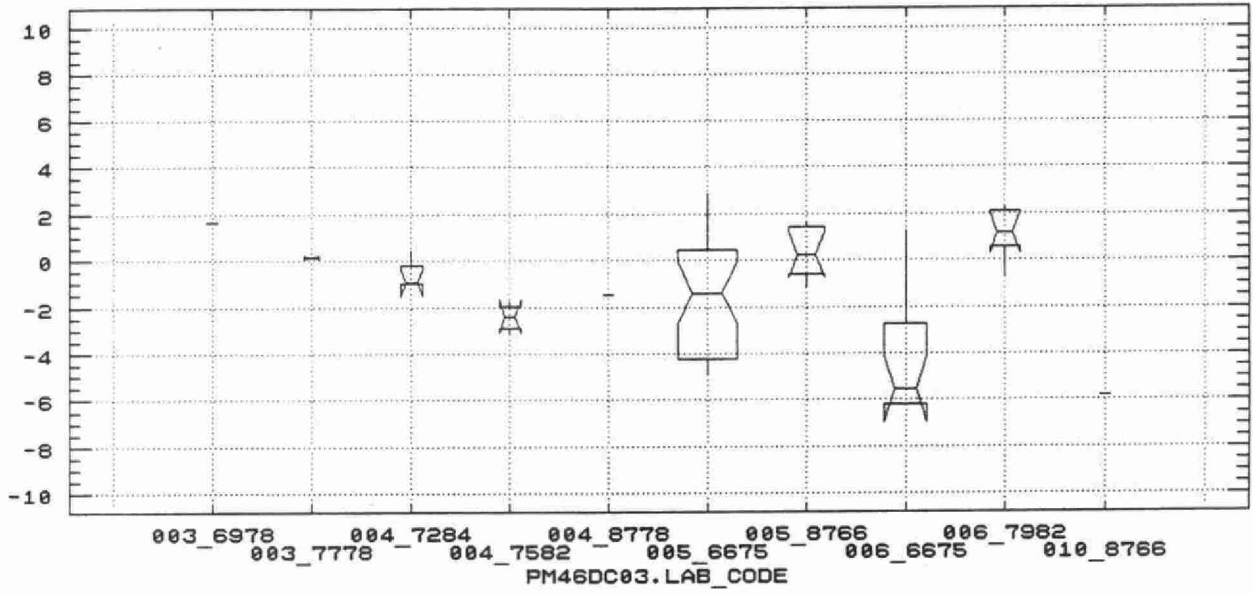
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PM46DC02.DIFF



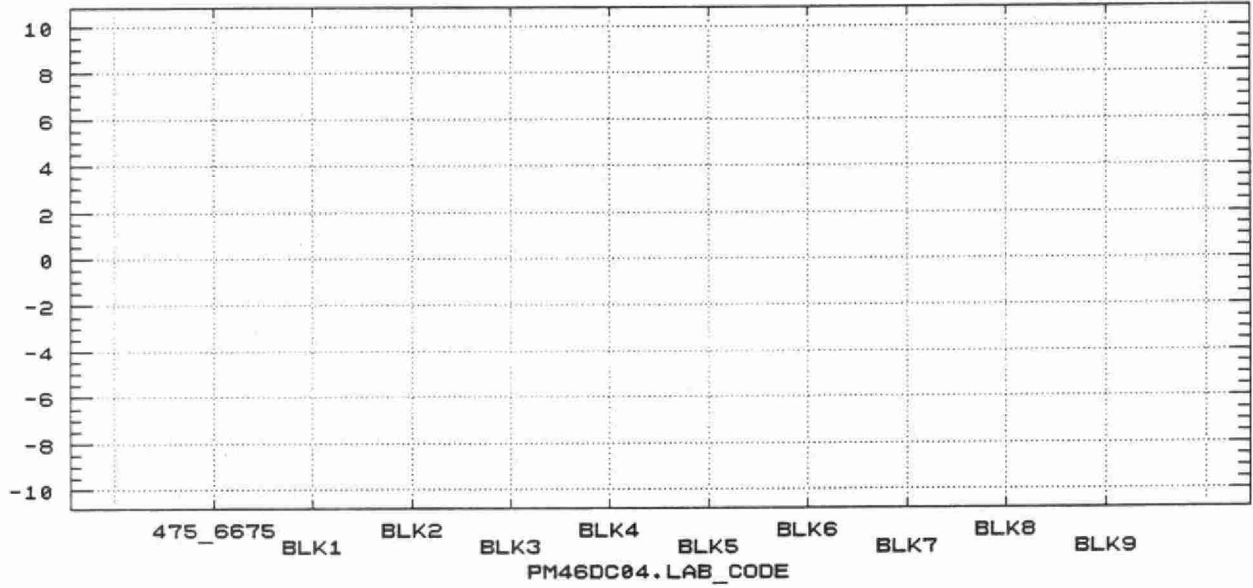
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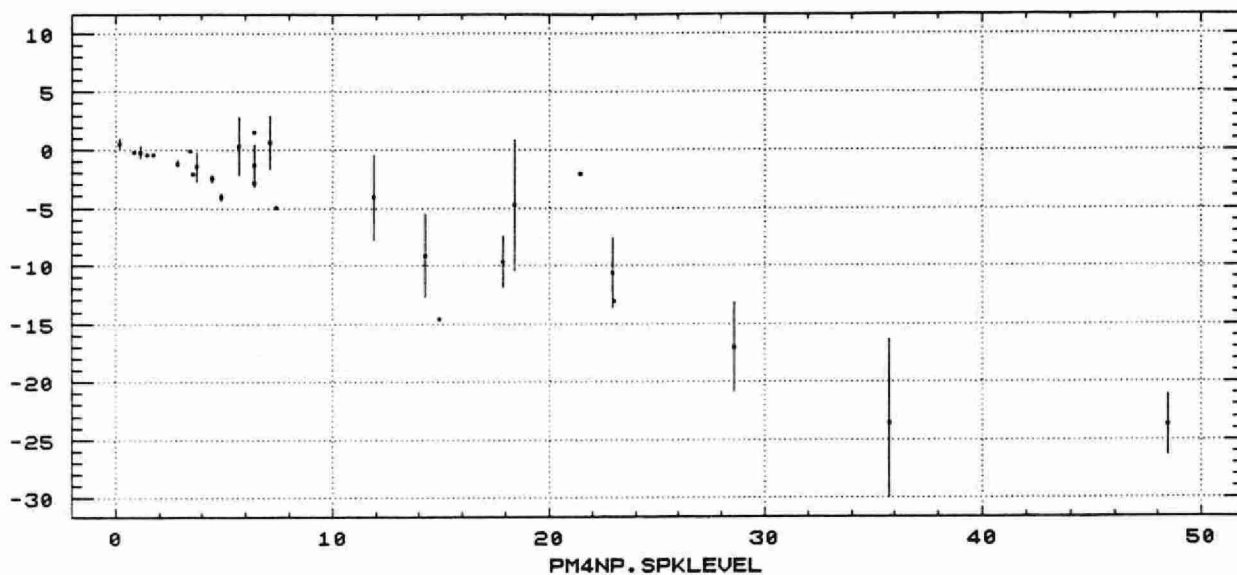


TRAVELLING SPIKED BLANKS

PM46DC04.DIFF

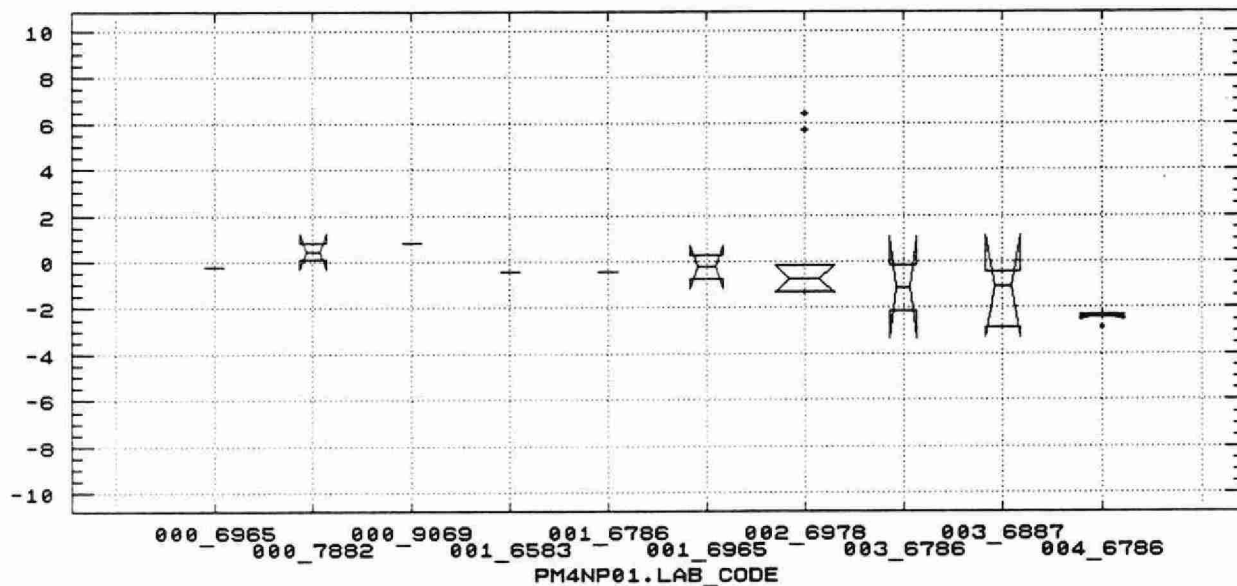


PM4NP.AVG



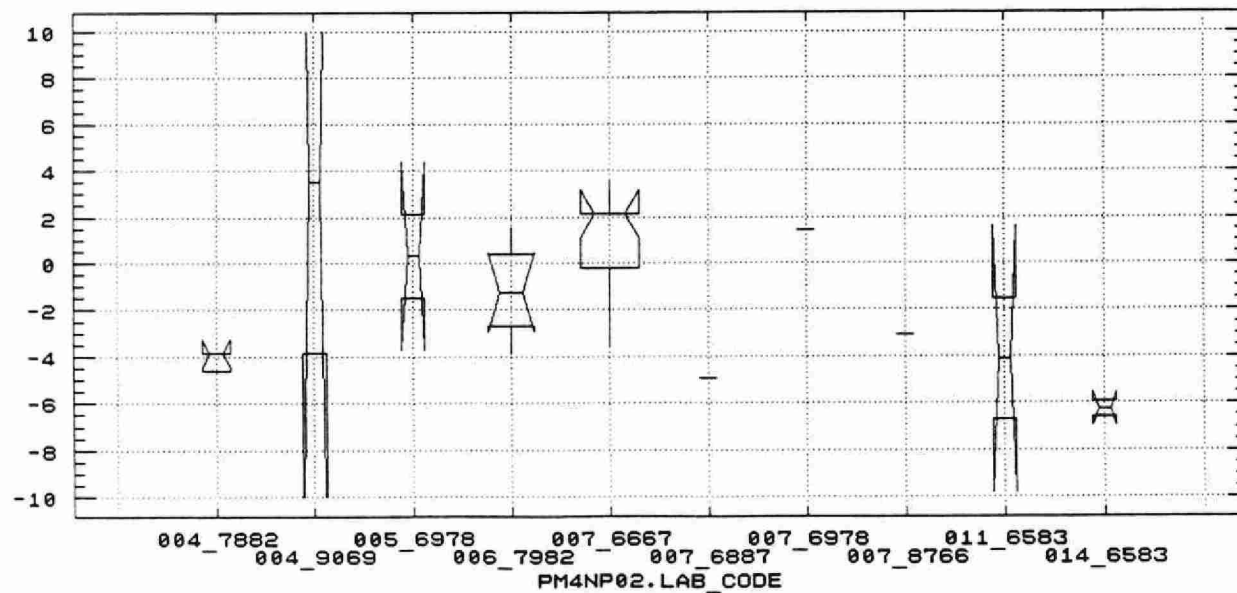
TRAVELLING SPIKED BLANKS

PM4NP01.DIFF



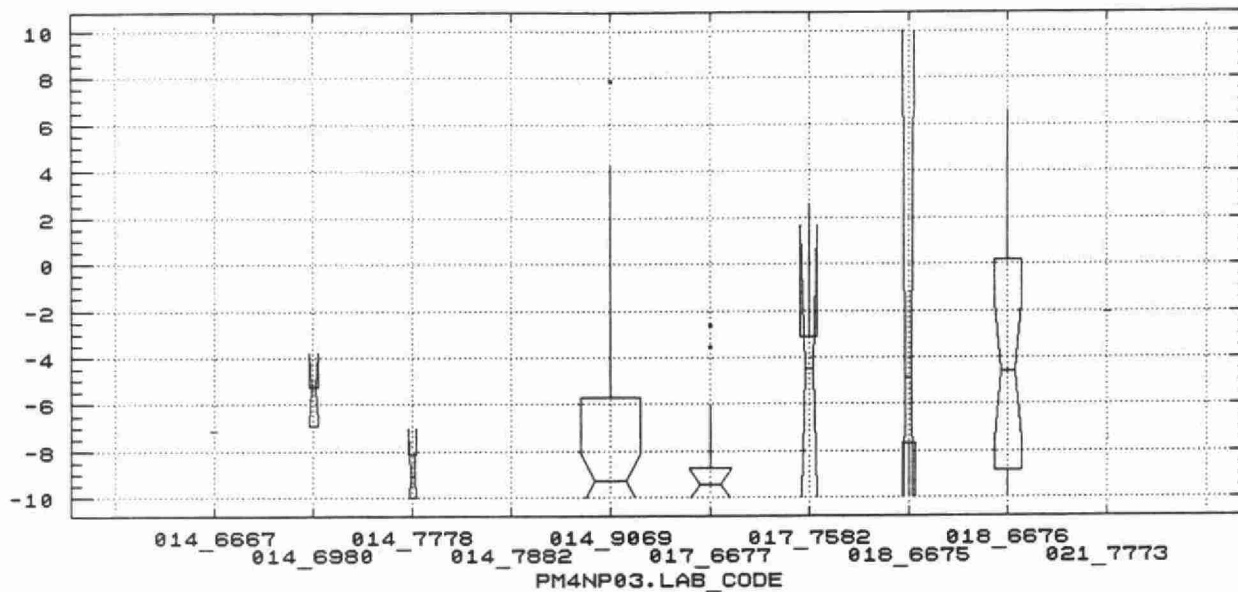
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PM4NP02.DIFF



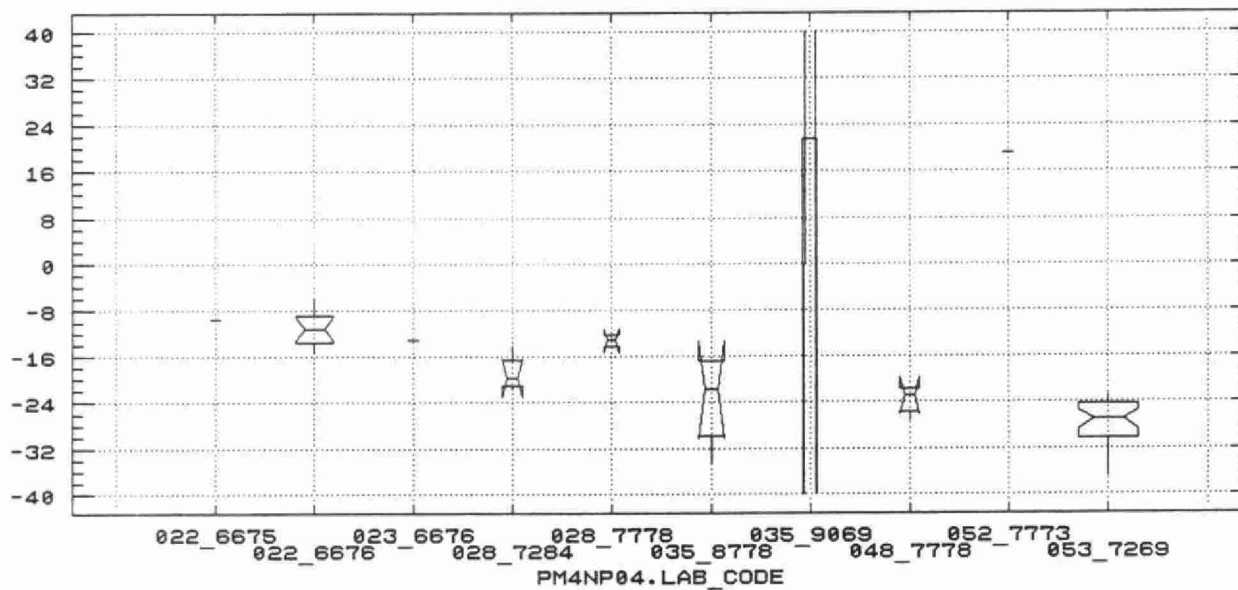
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PM4NP03.DIFF



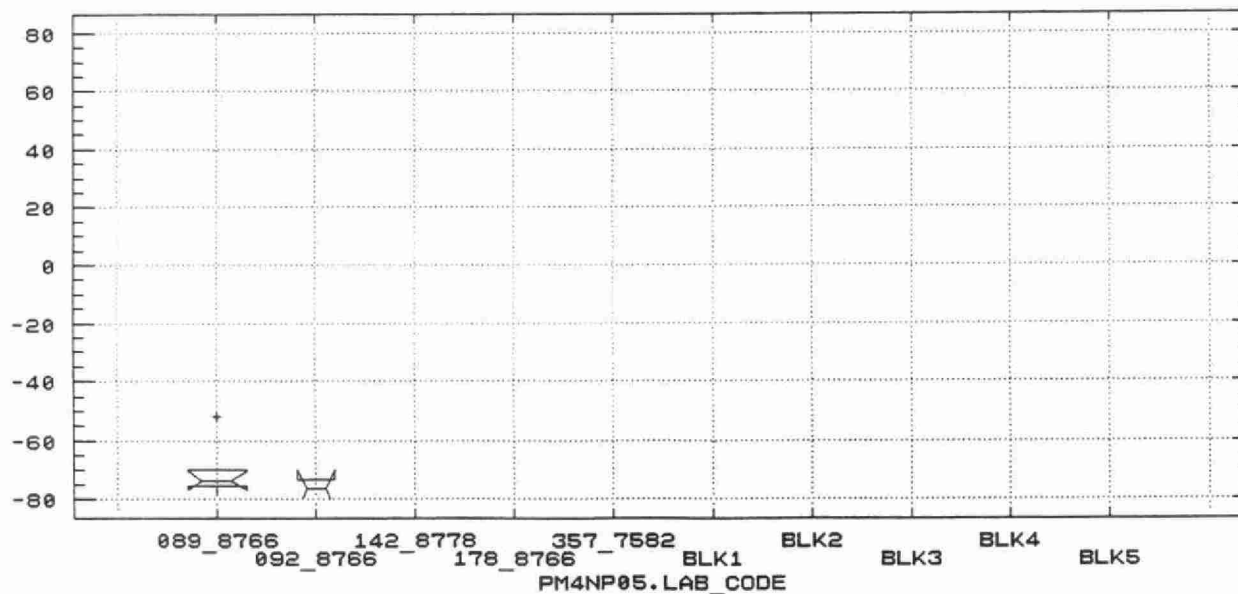
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PM4NP04.DIFF



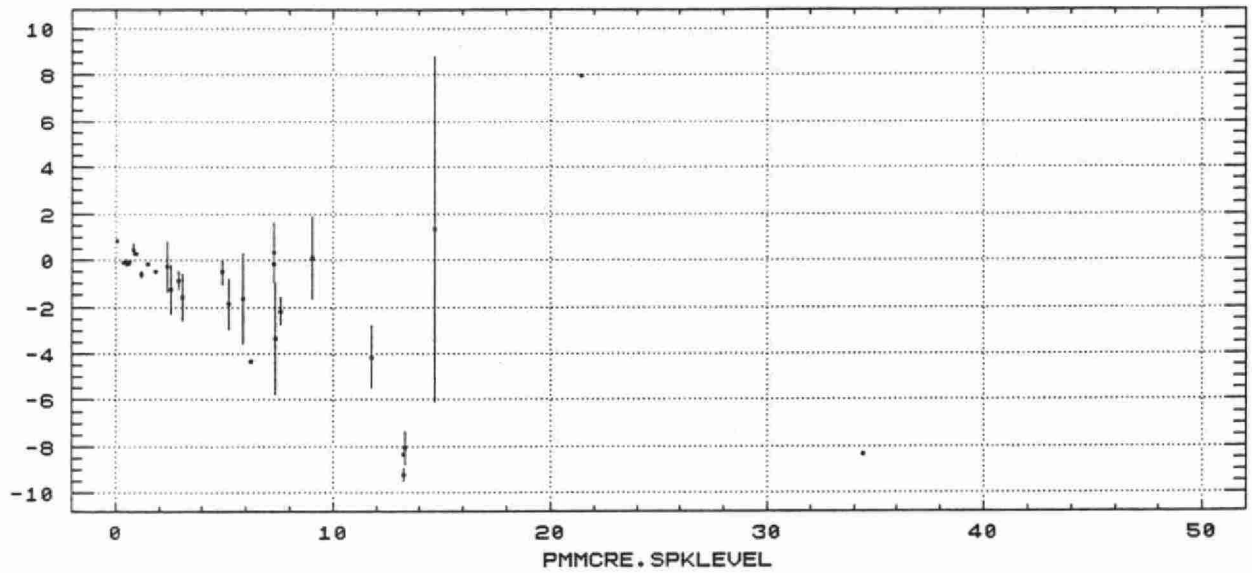
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PM4NP05.DIFF



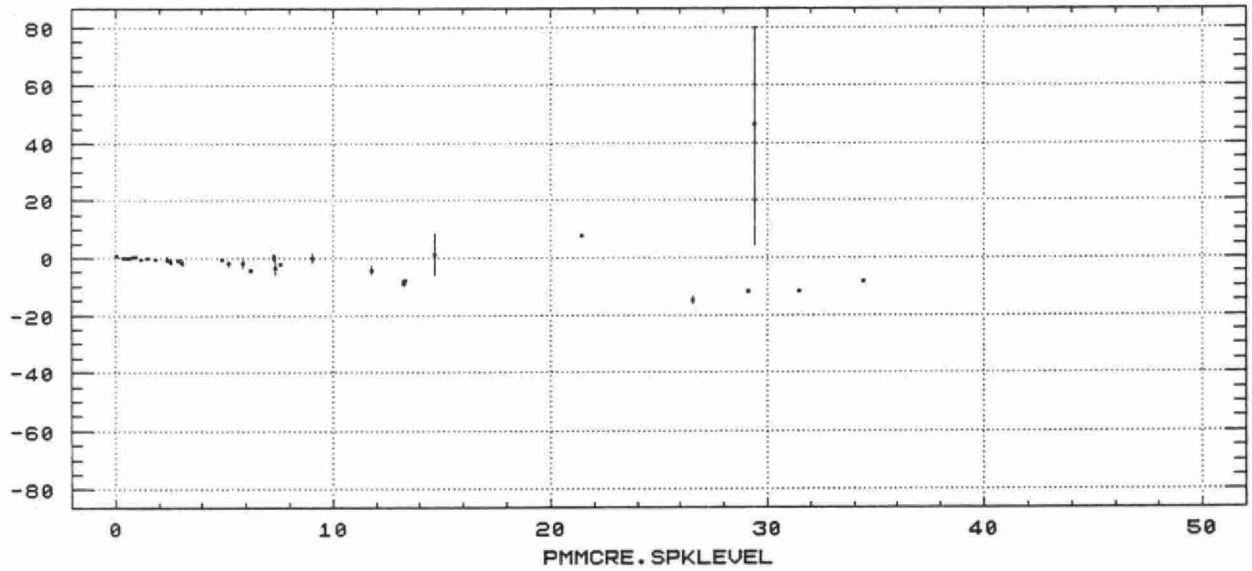
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PMMCRE.AUG



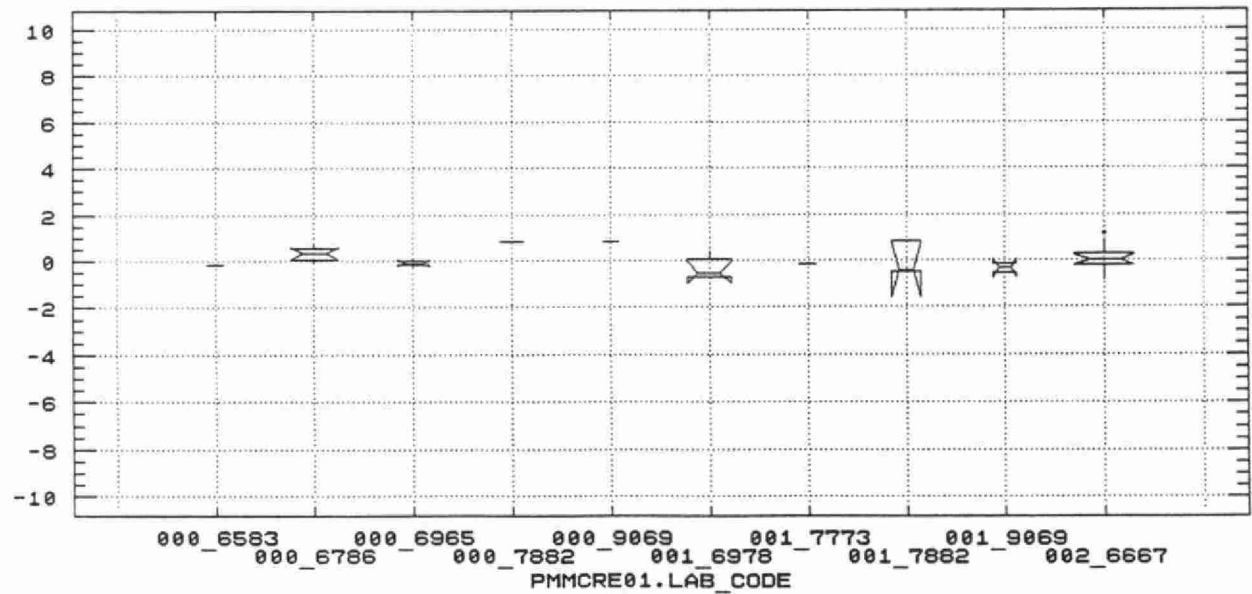
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PMMCRE.AUG



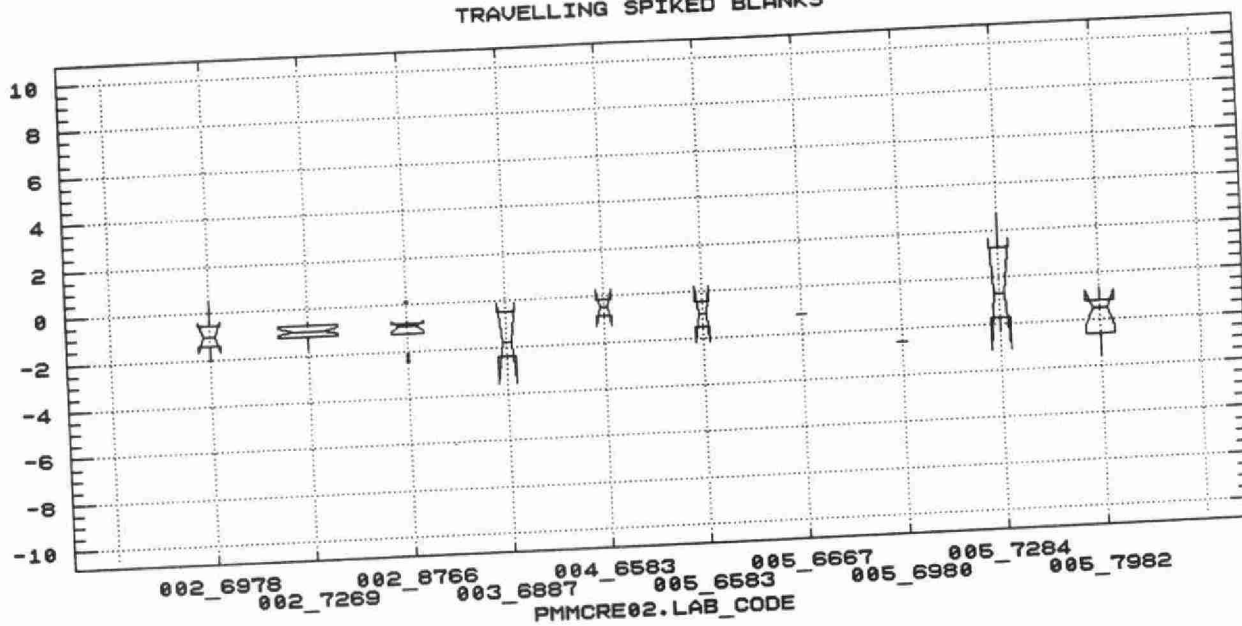
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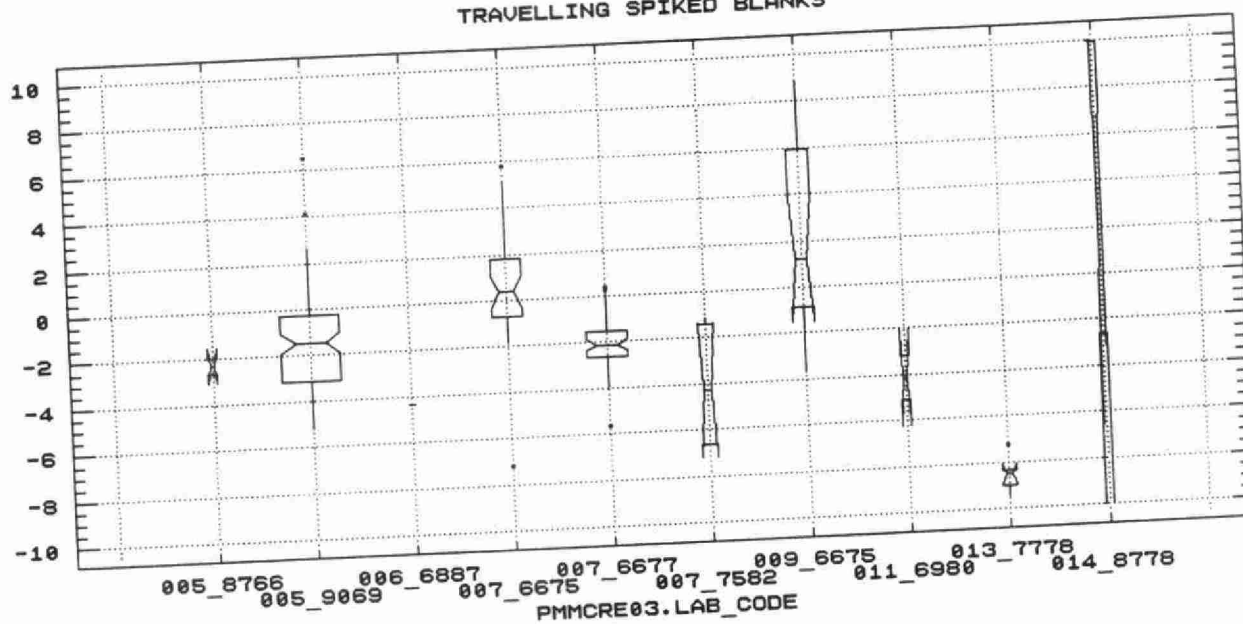
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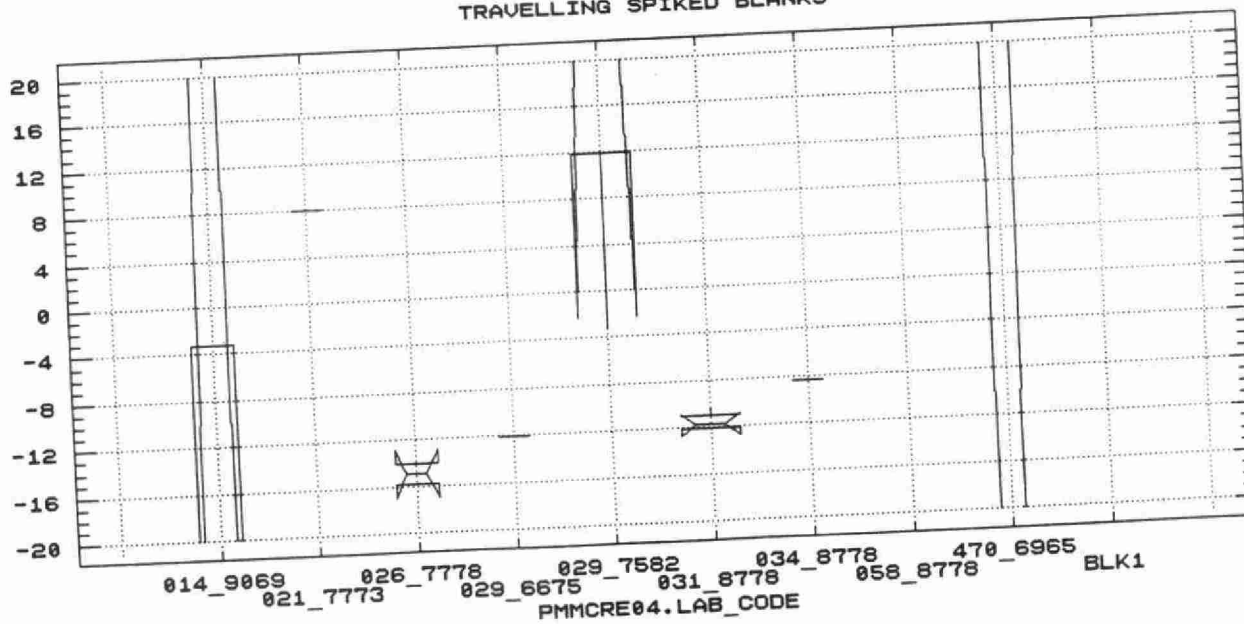
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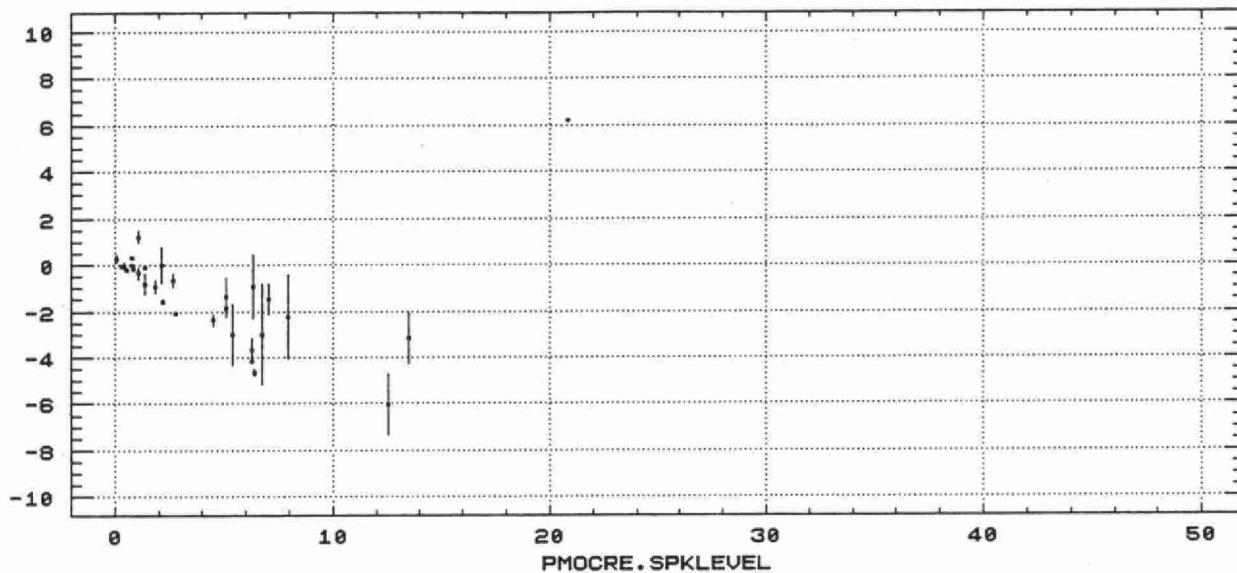


TRAVELLING SPIKED BLANKS

PMMCRE04.DIFF

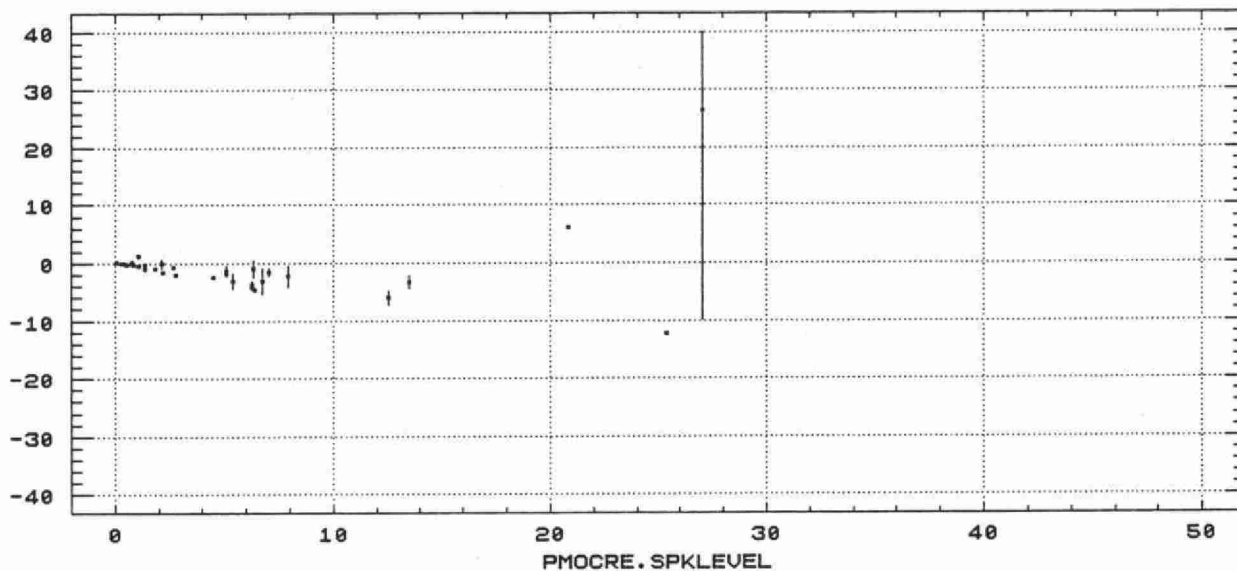


PMOCRE.AVG



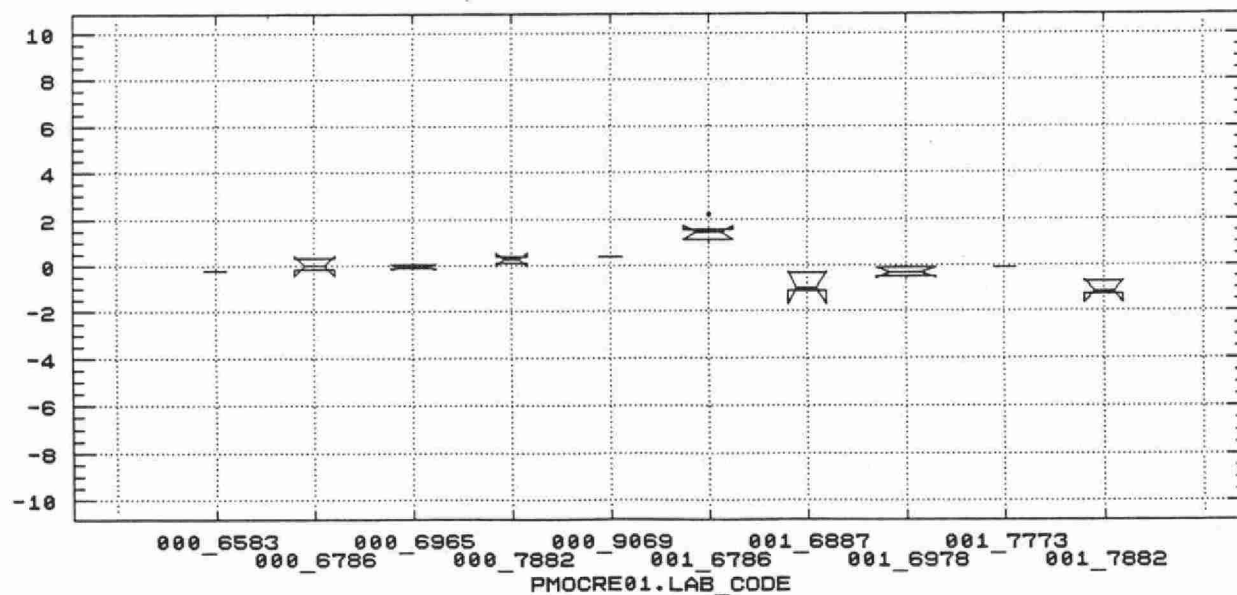
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PMOCRE.AVG



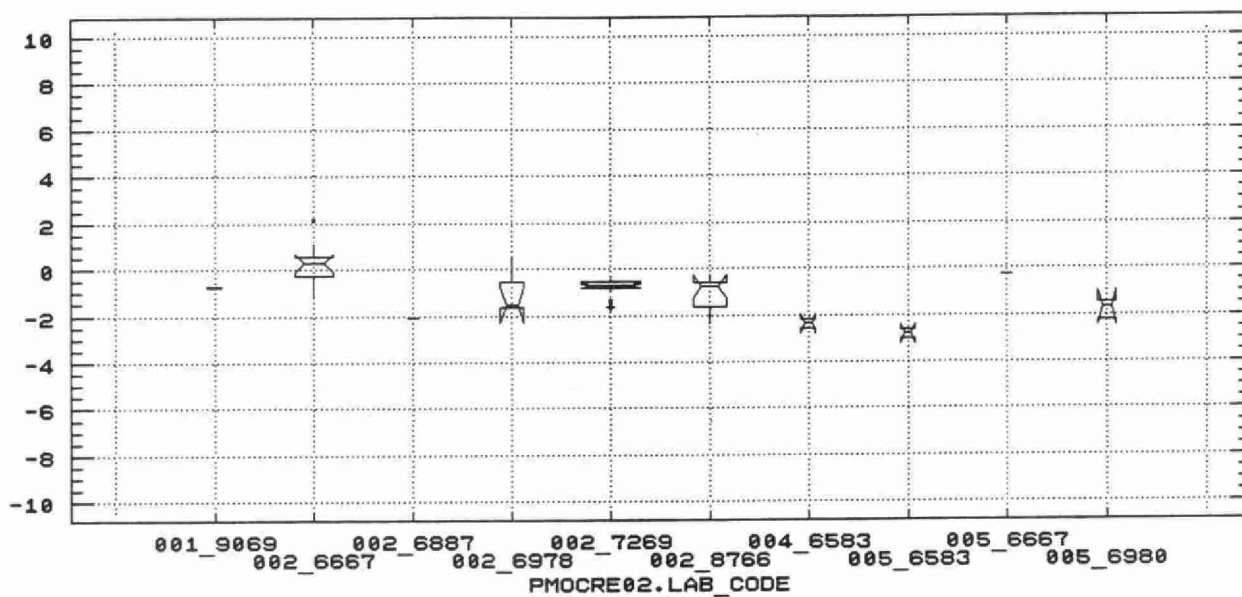
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PMOCRE01.DIFF



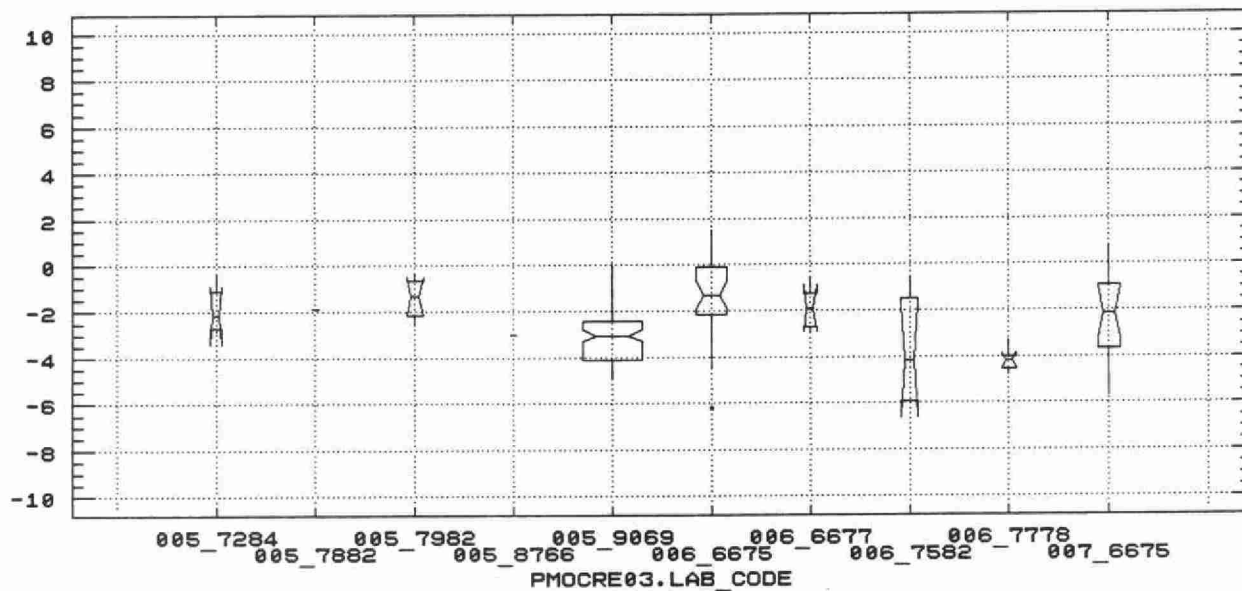
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PMOCRE02.DIFF



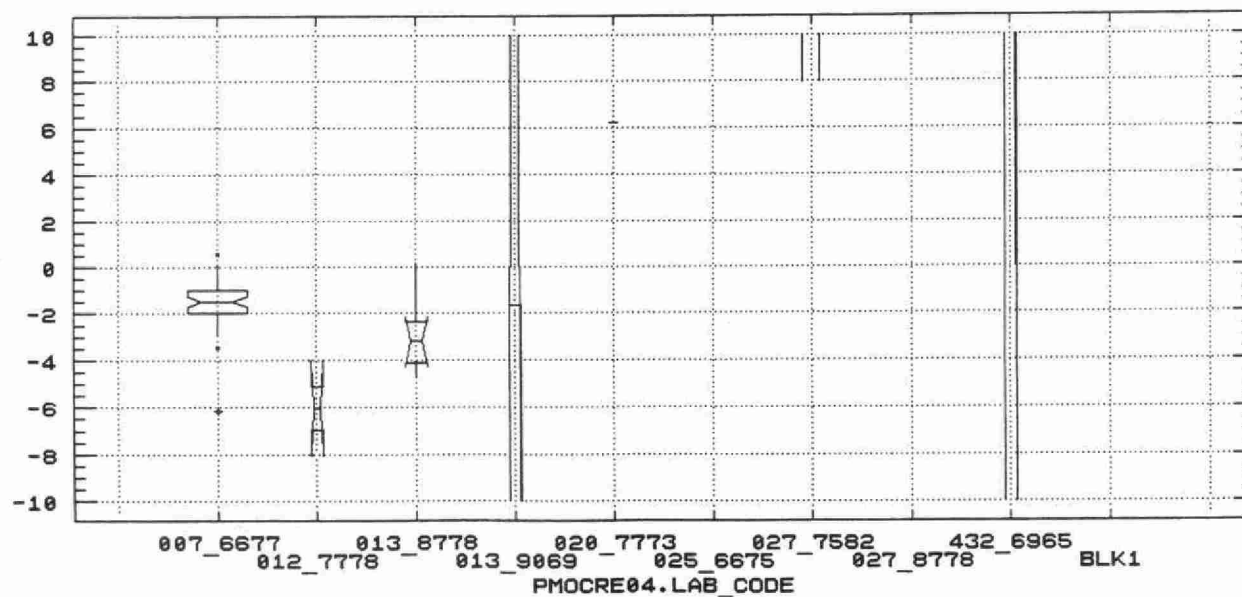
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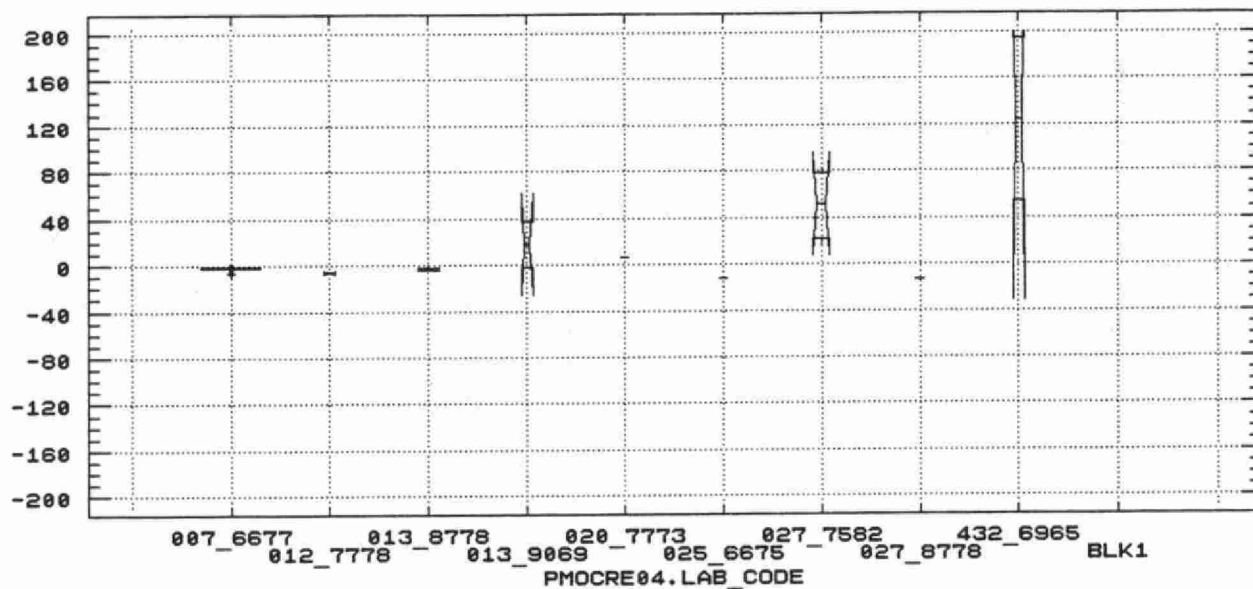


TRAVELLING SPIKED BLANKS

PMOCRE04.DIFF

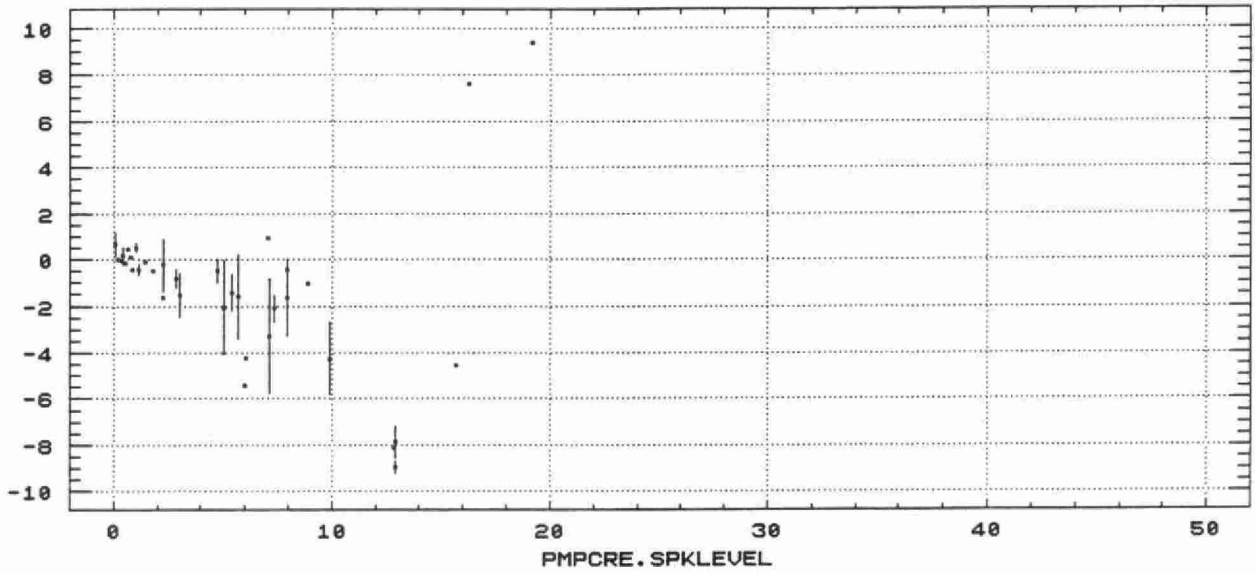


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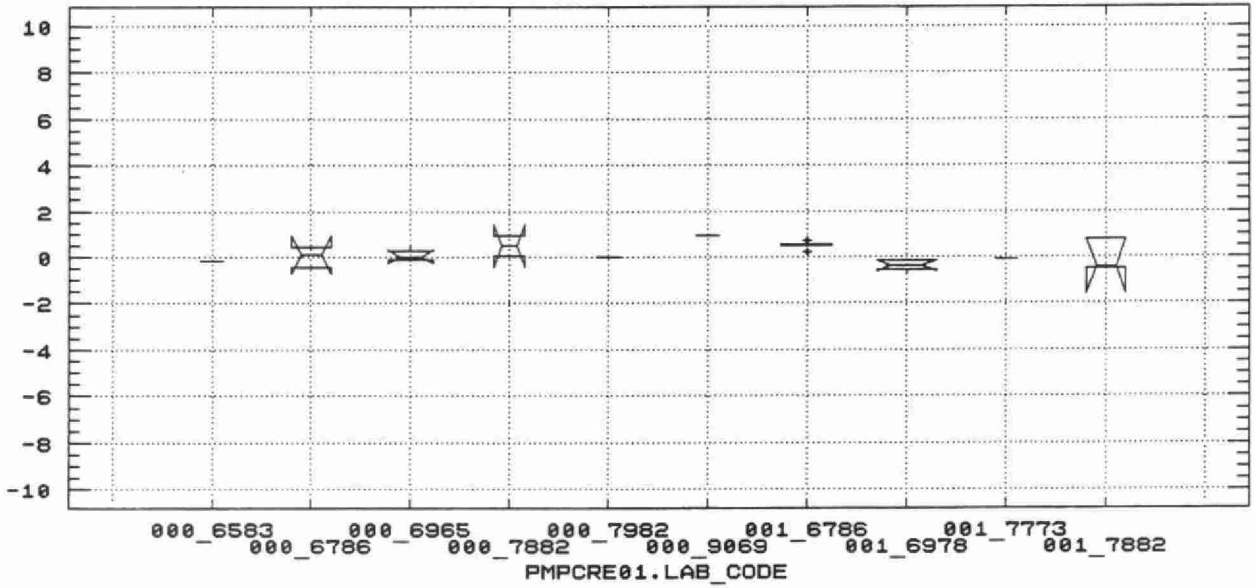
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PMPCRE.AVG



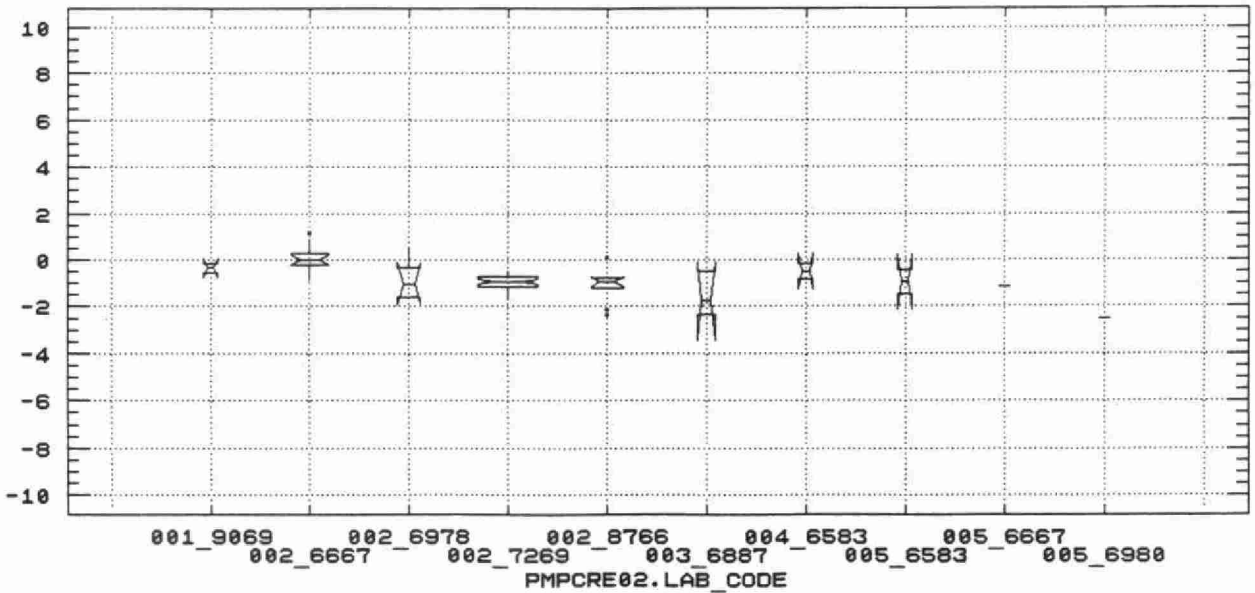
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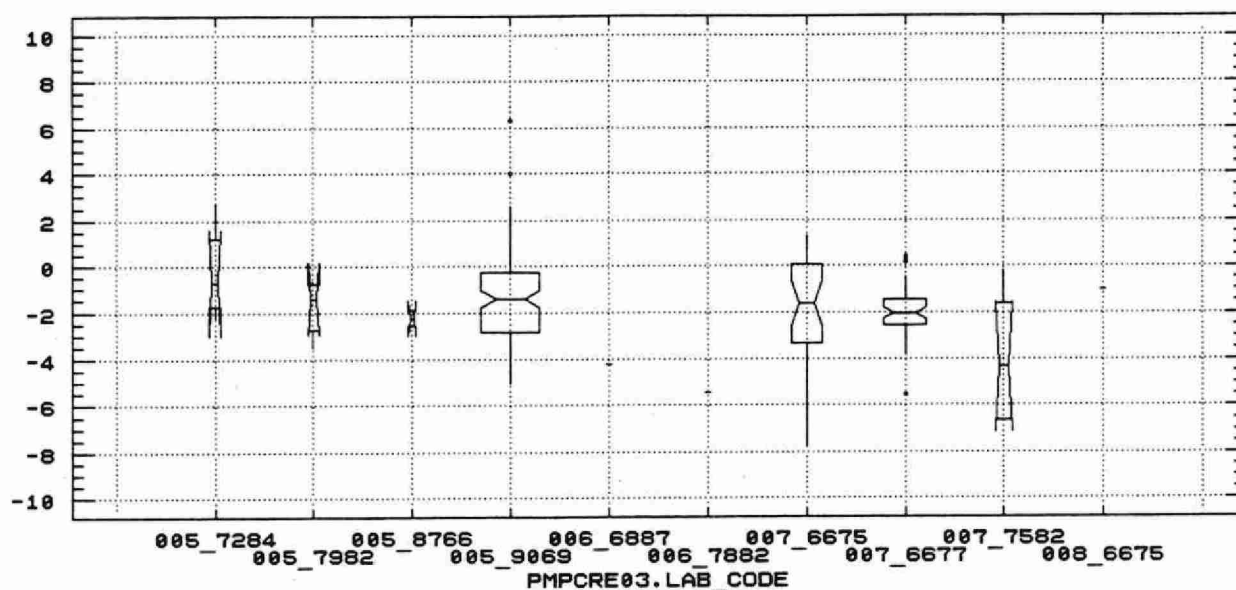


TRAVELLING SPIKED BLANKS

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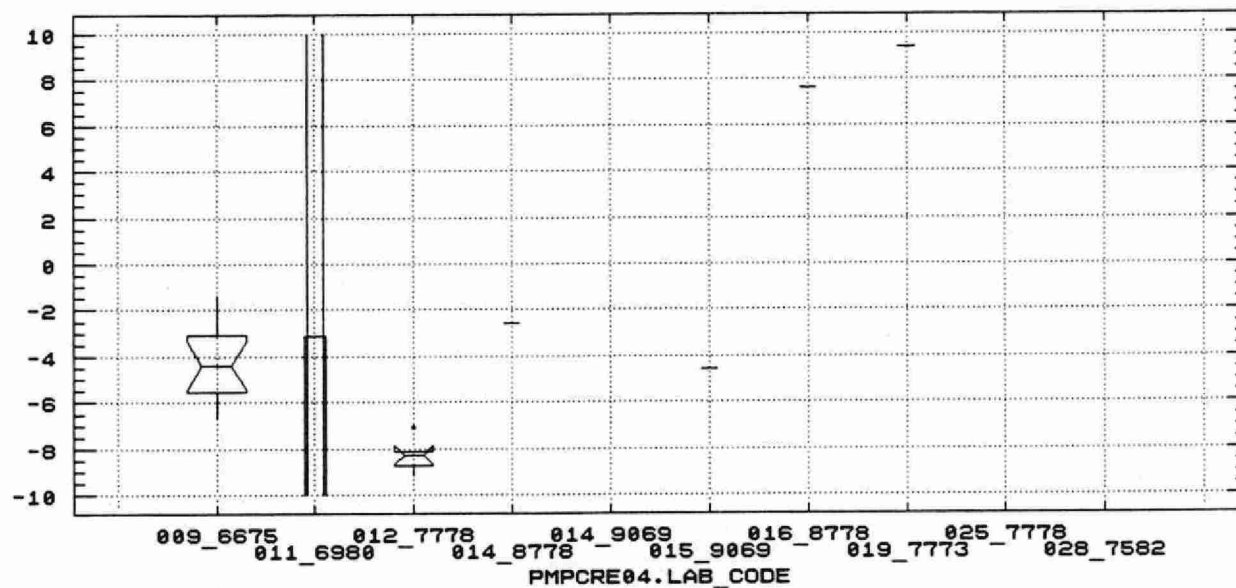


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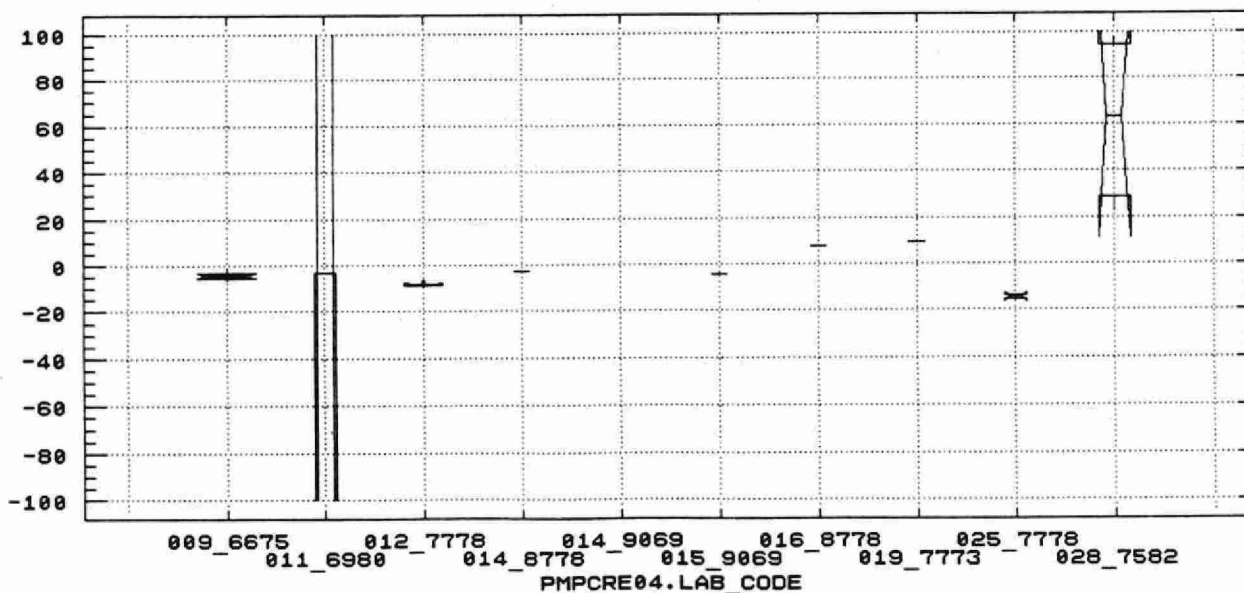
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PMPCRE04.DIFF



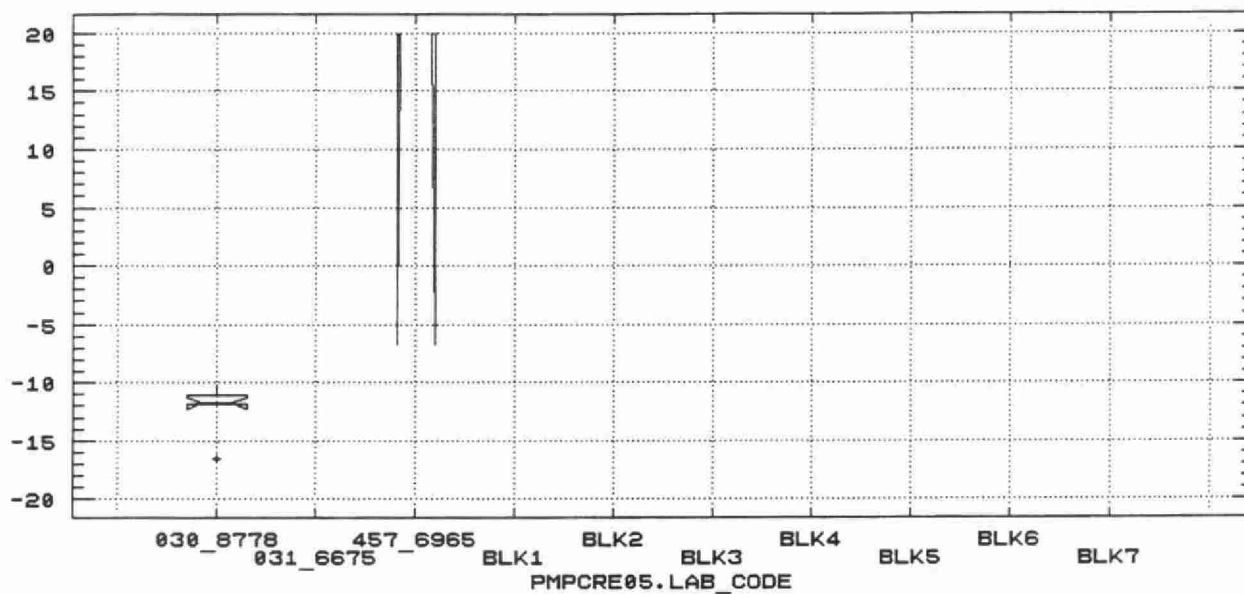
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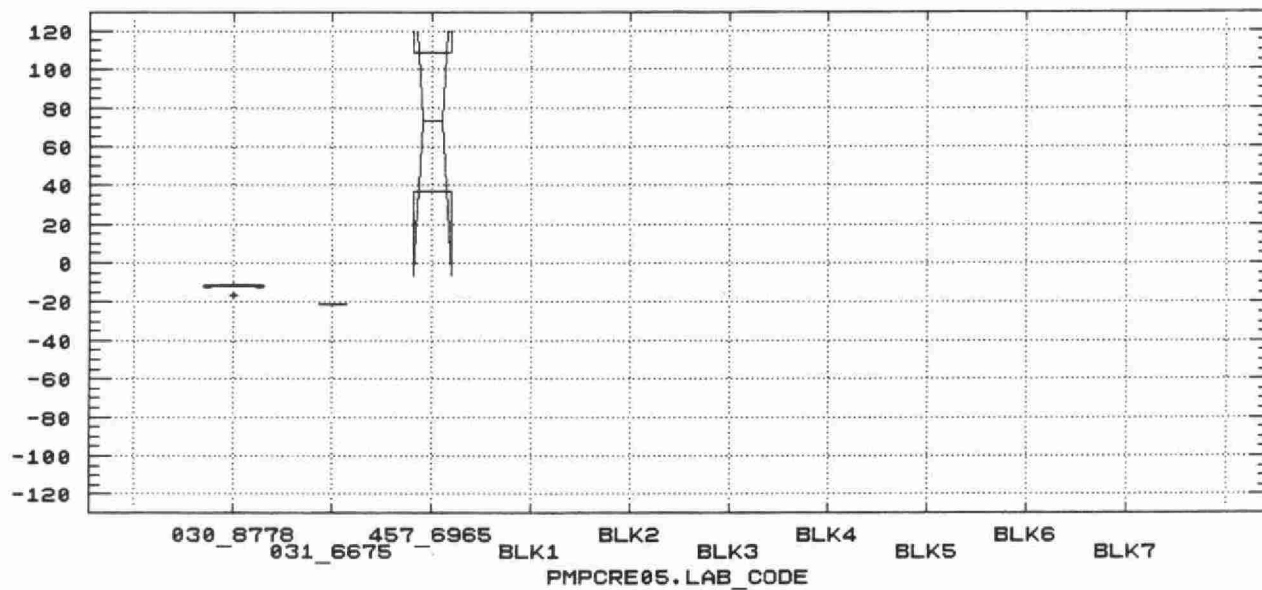
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PMPCRE05.DIFF



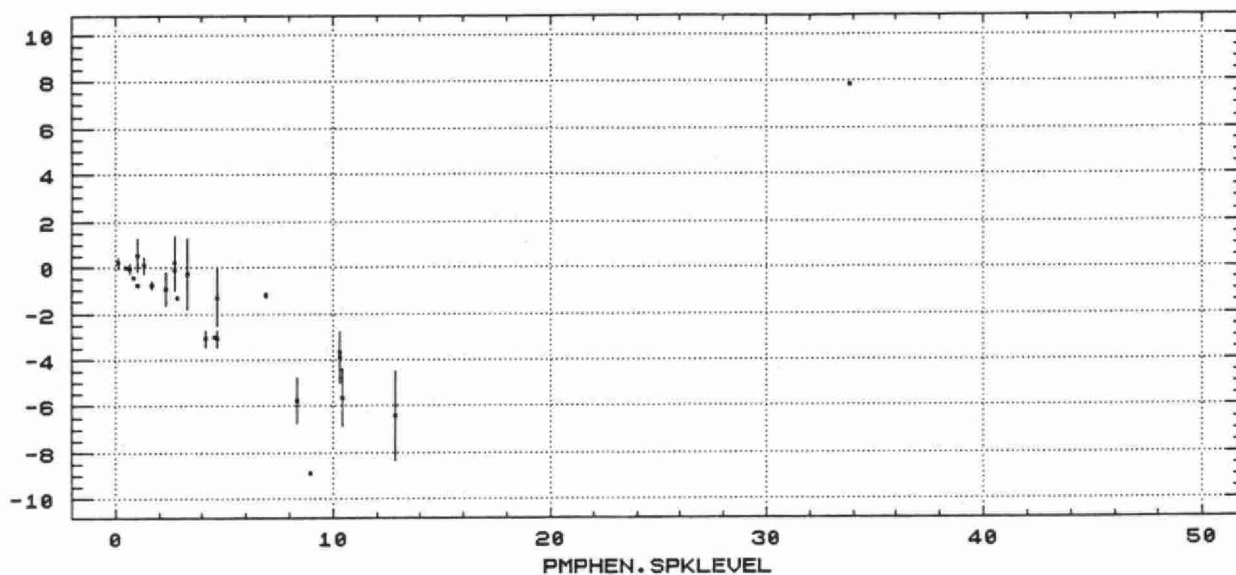
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PMPCRE05.DIFF



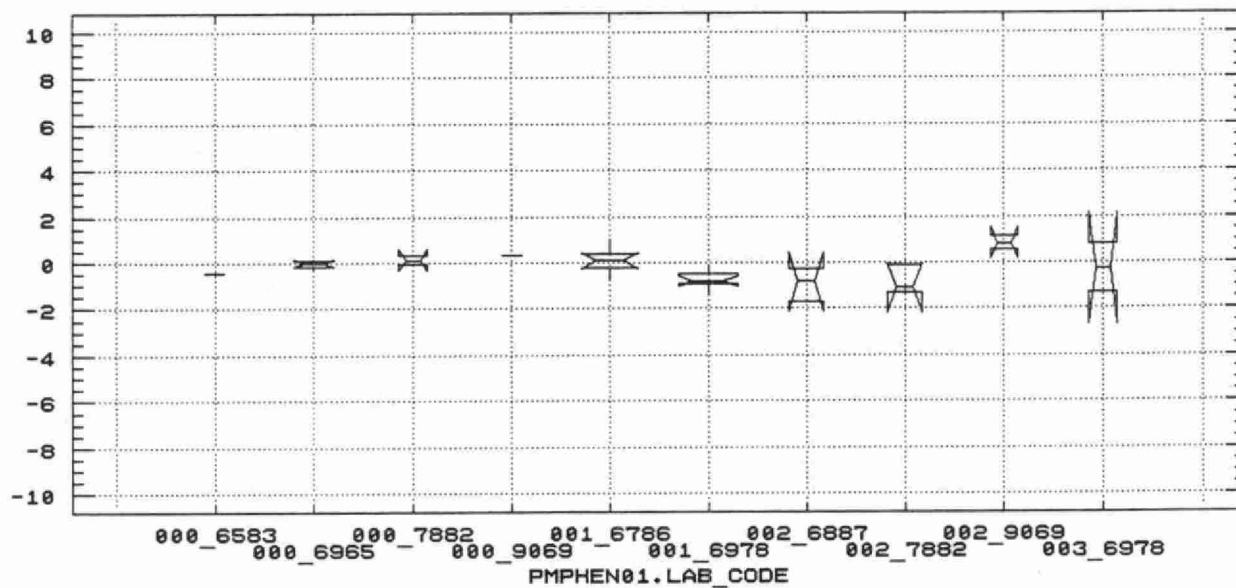
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PMPHEN.AVG



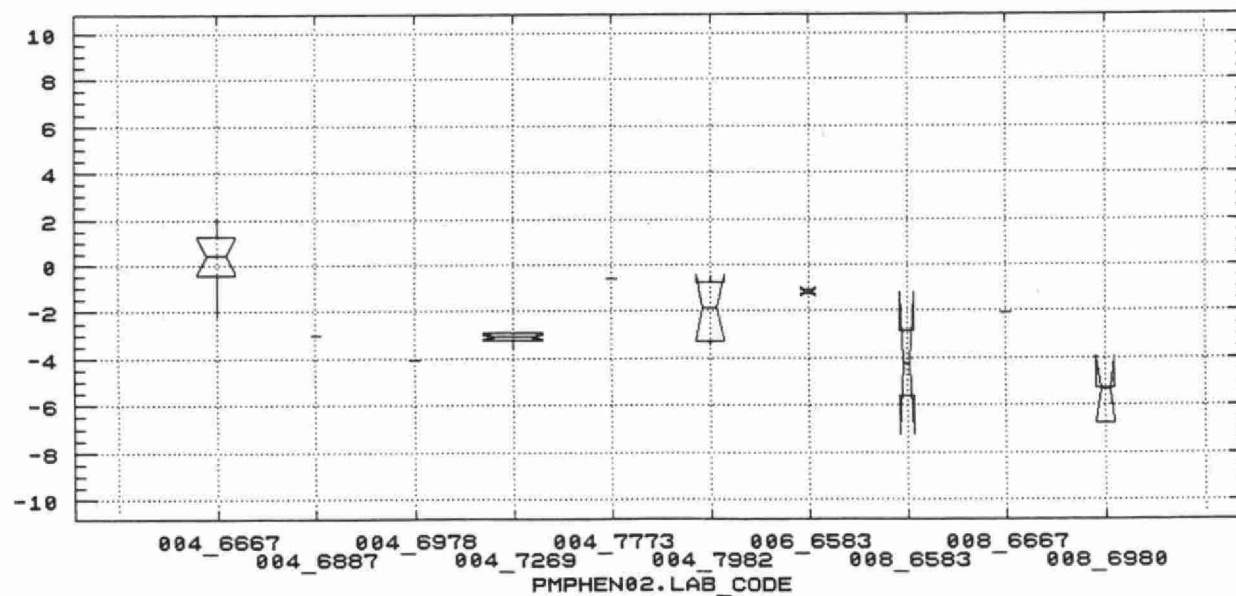
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PMPHEN01.DIFF



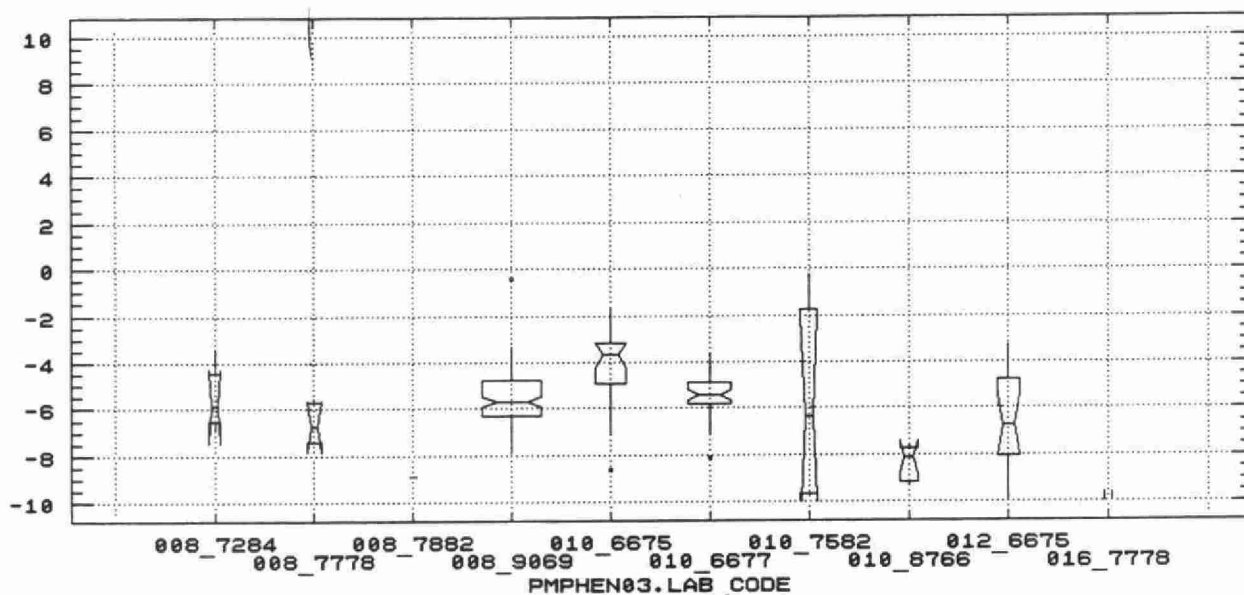
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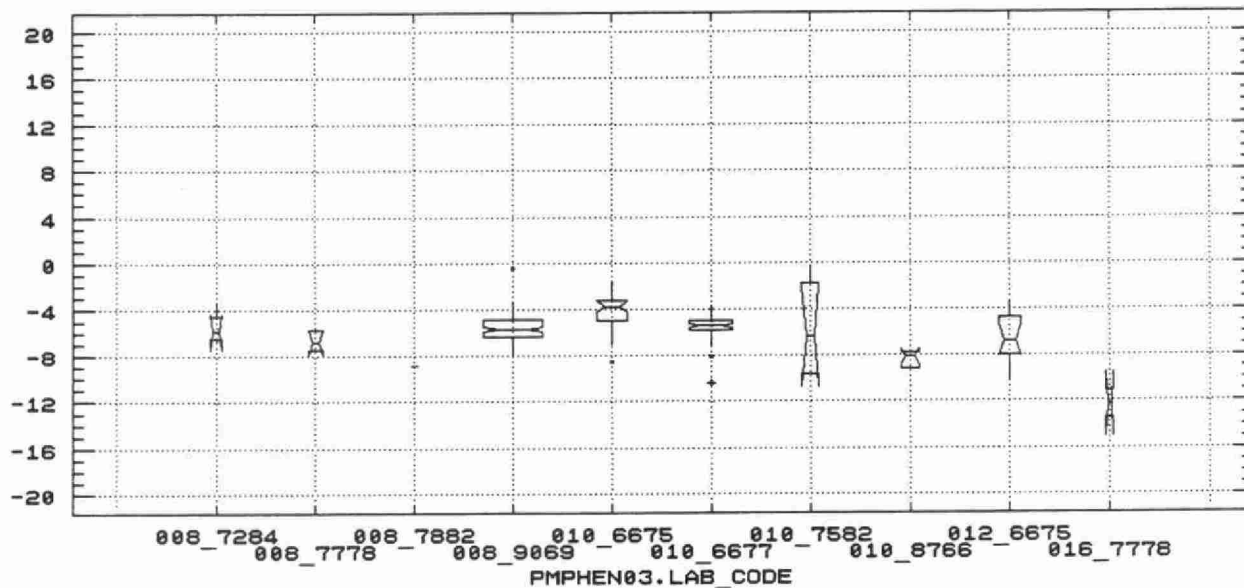
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PMPHEN03.DIFF



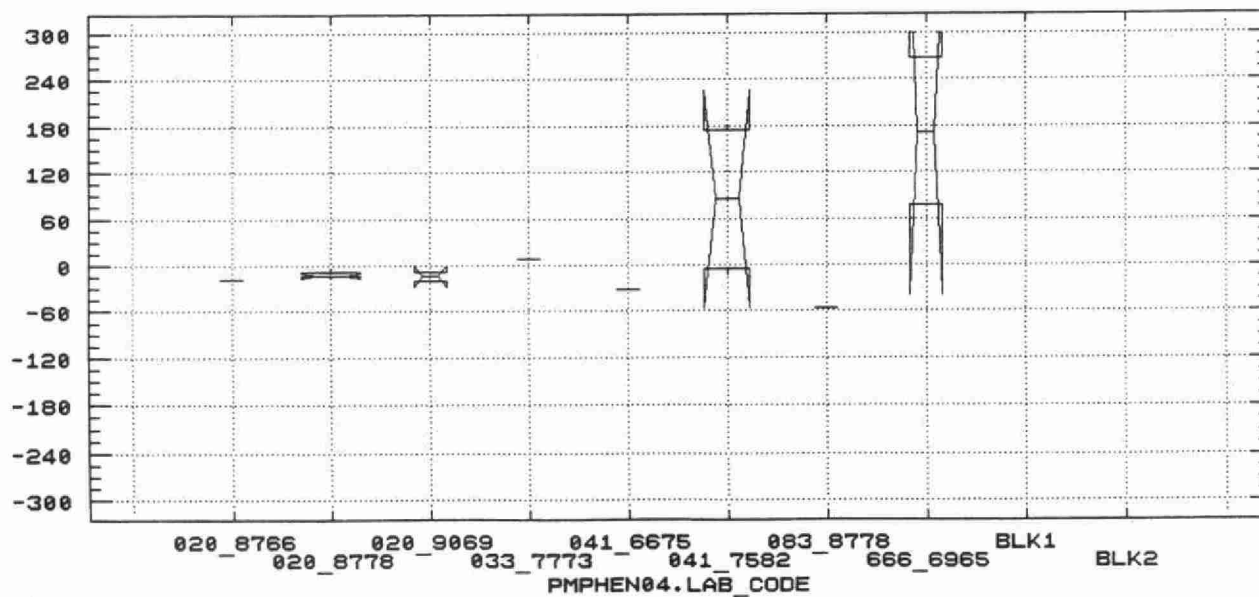
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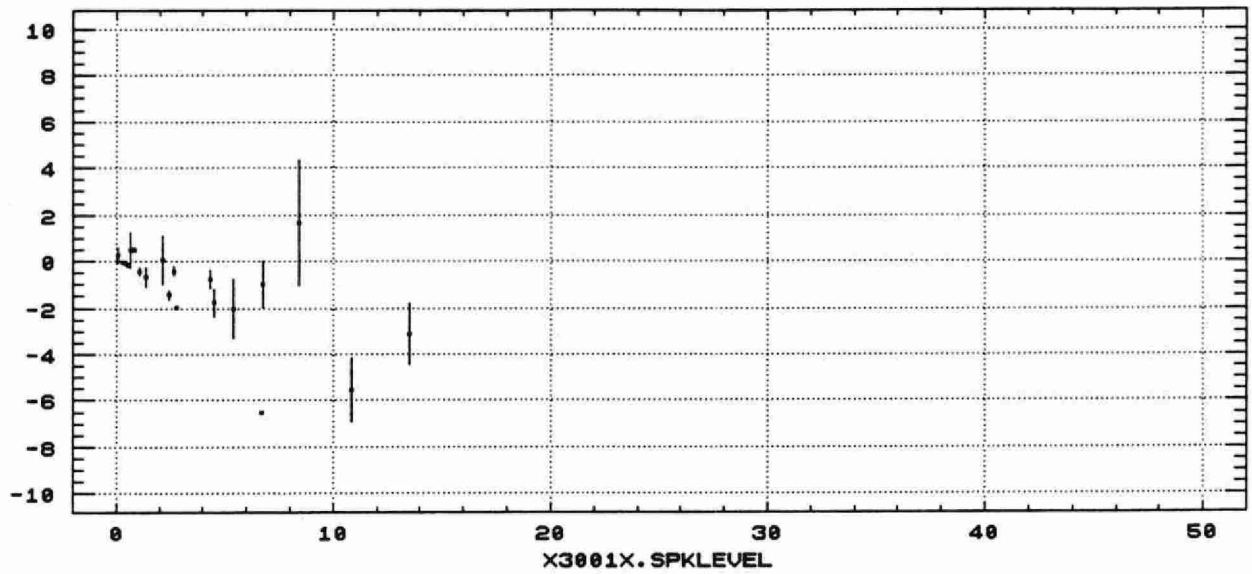


TRAVELLING SPIKED BLANKS

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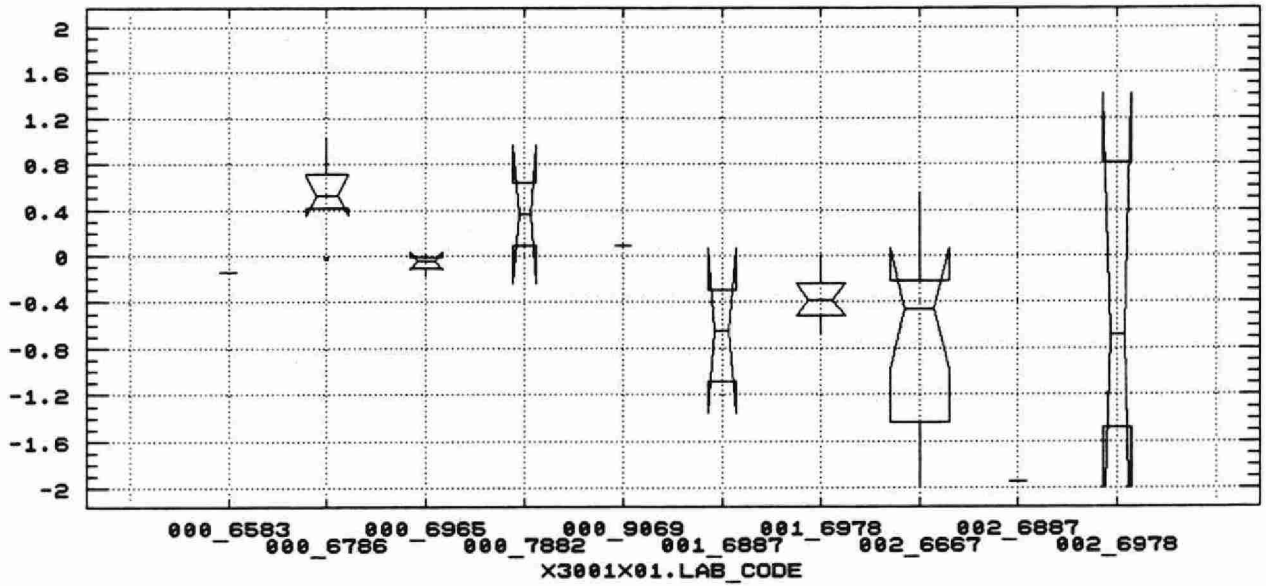


X3001X.AUG



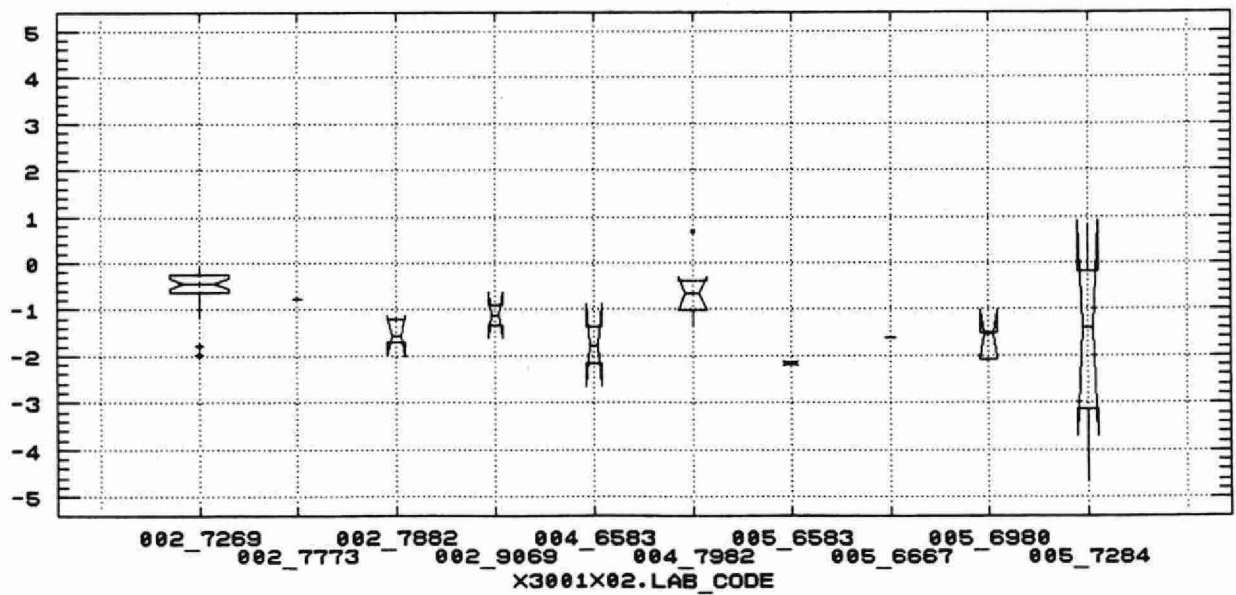
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X3001X01.DIFF



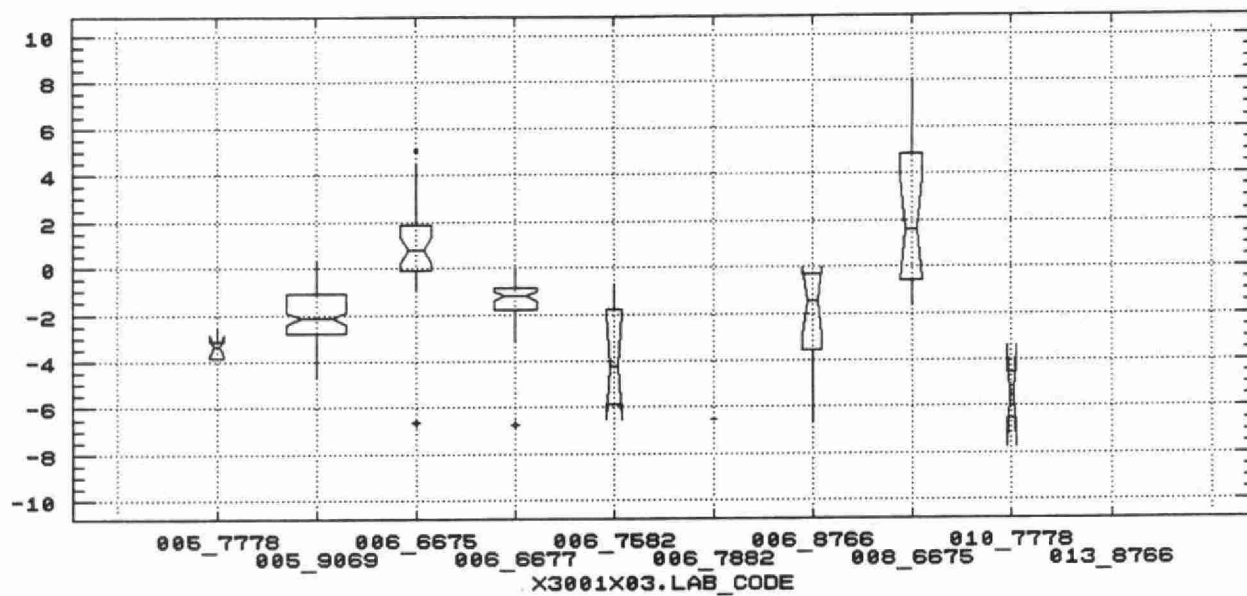
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X3001X02.DIFF



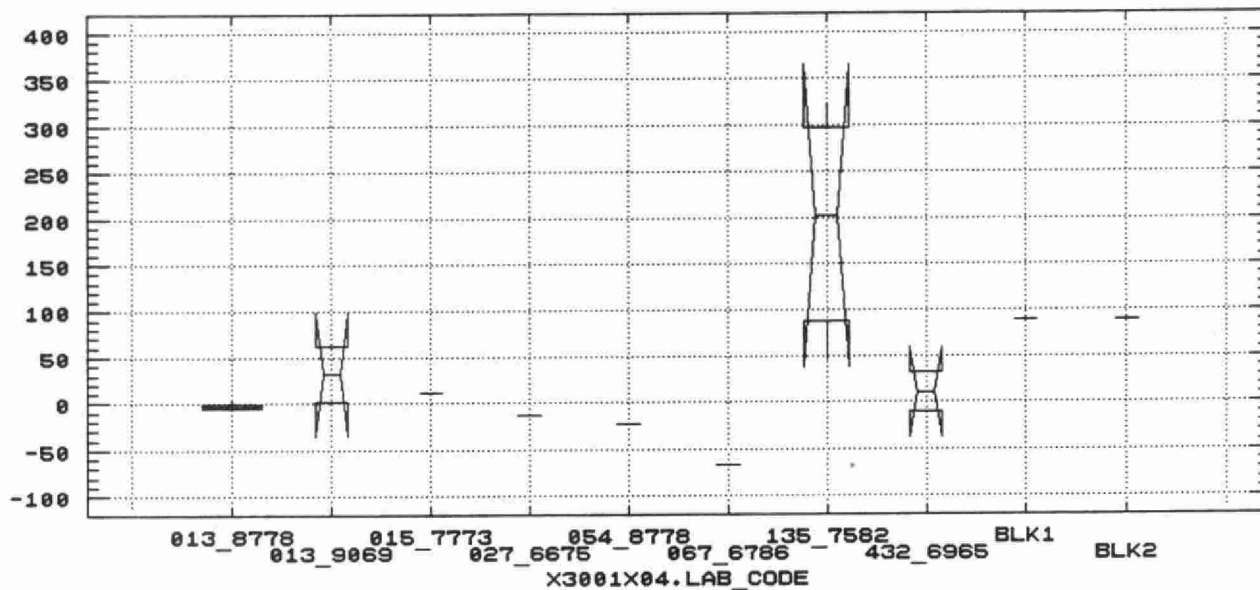
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X3001X03.DIFF



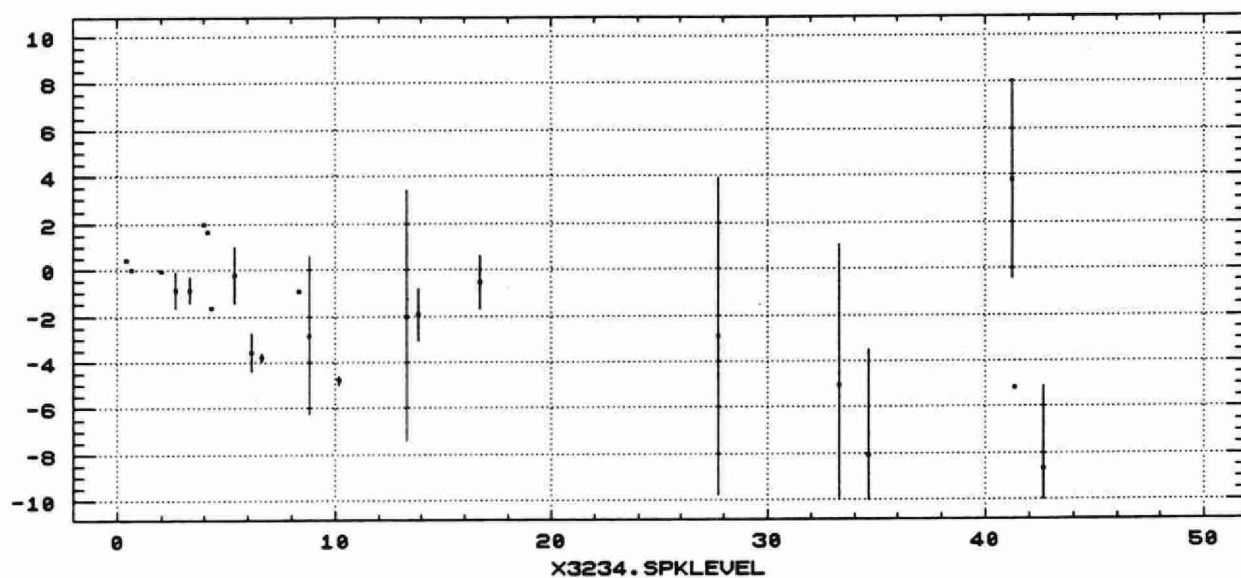
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X3001X04.DIFF



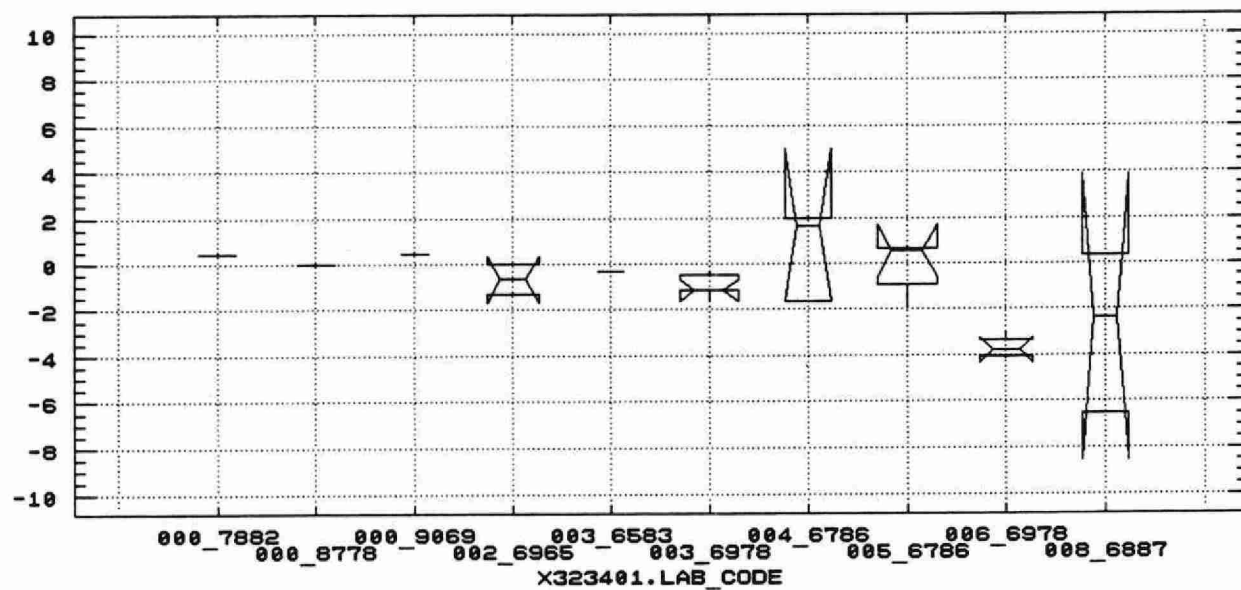
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X3234.AVG



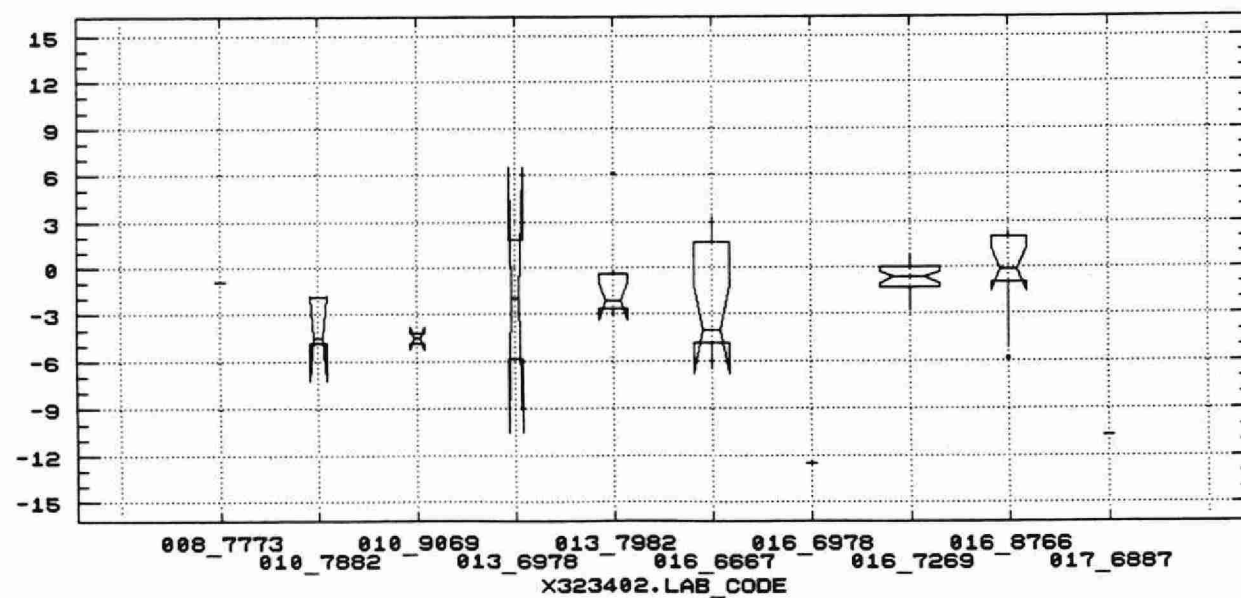
TRAVELLING SPIKED BLANKS

X323401.DIFF



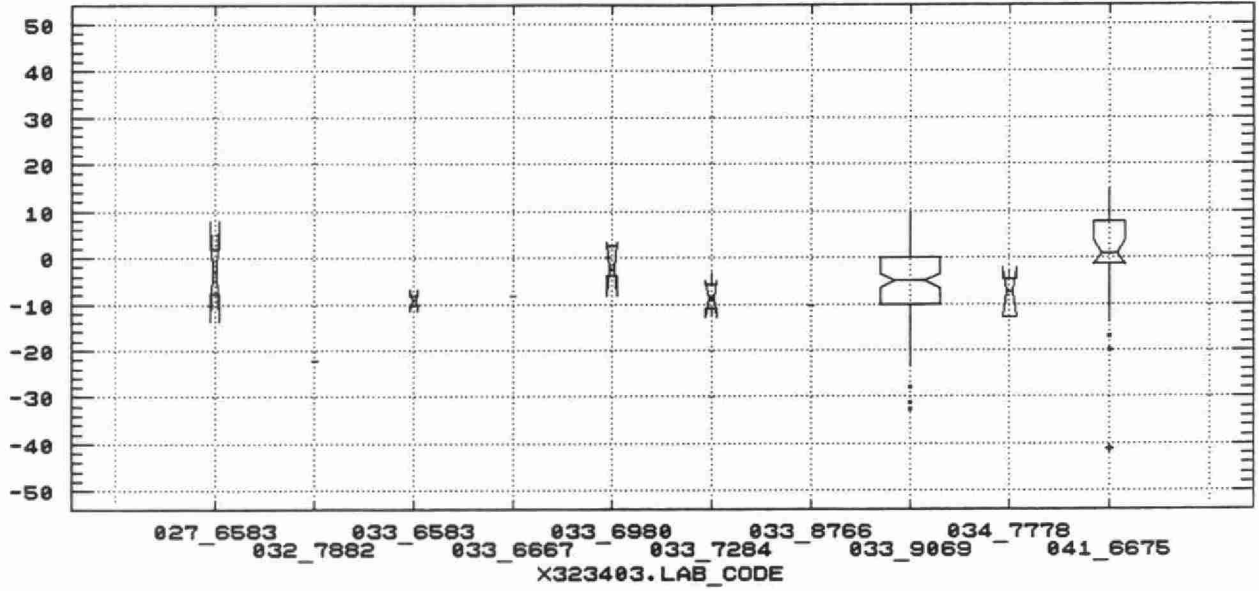
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X323402.DIFF



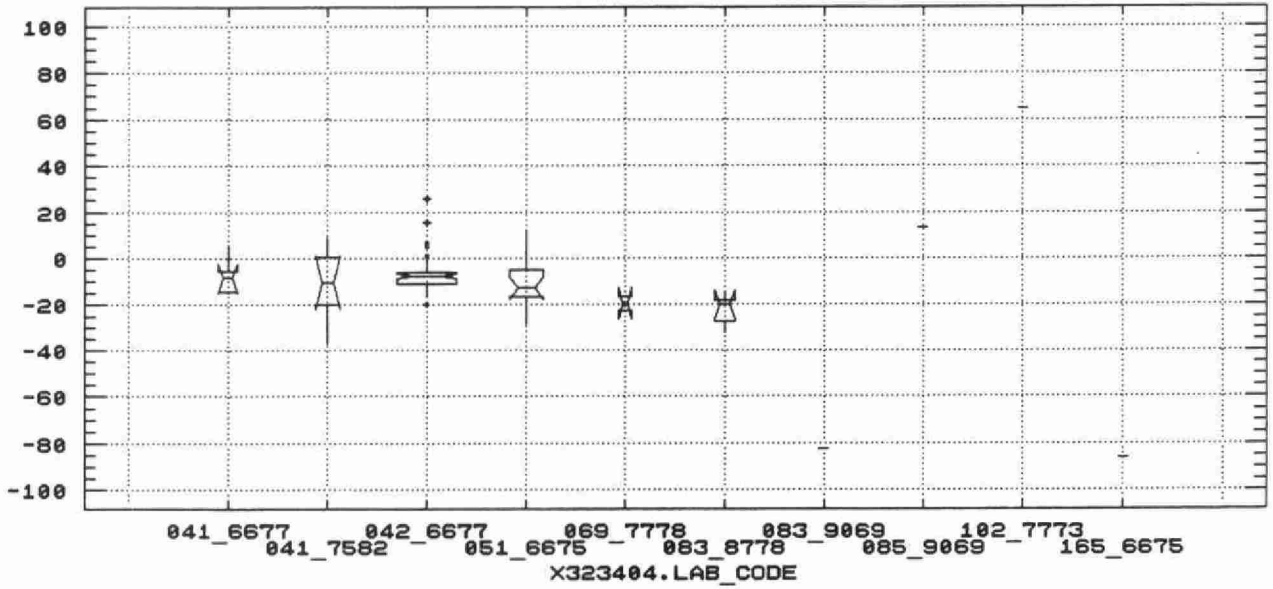
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X323403.DIFF



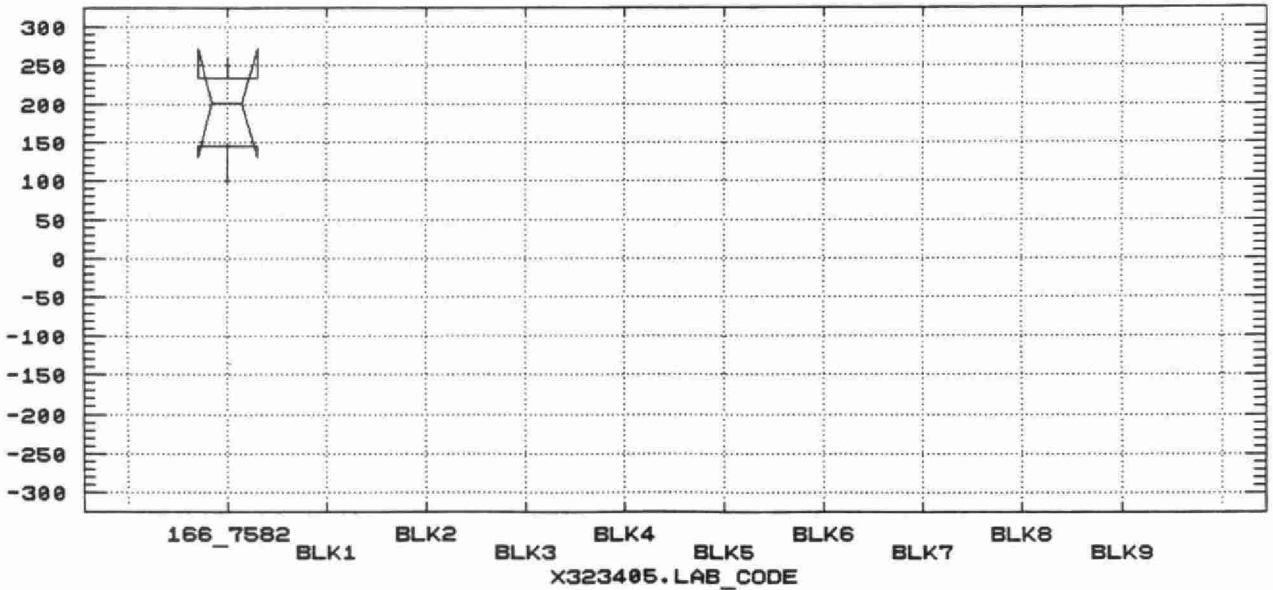
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X323404.DIFF

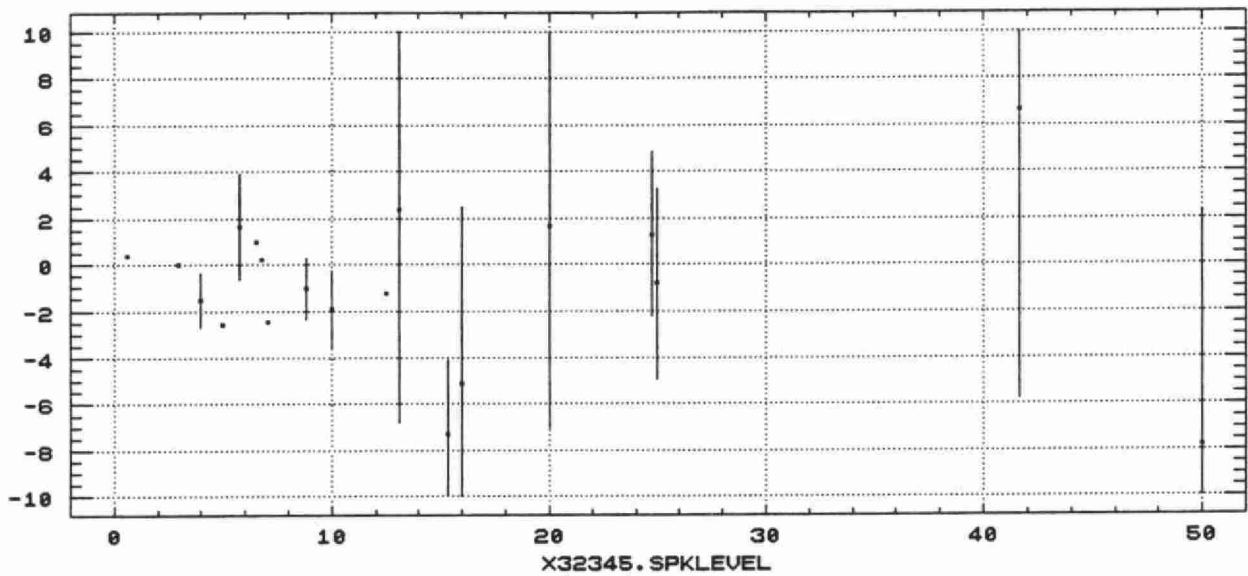


TRAVELLING SPIKED BLANKS

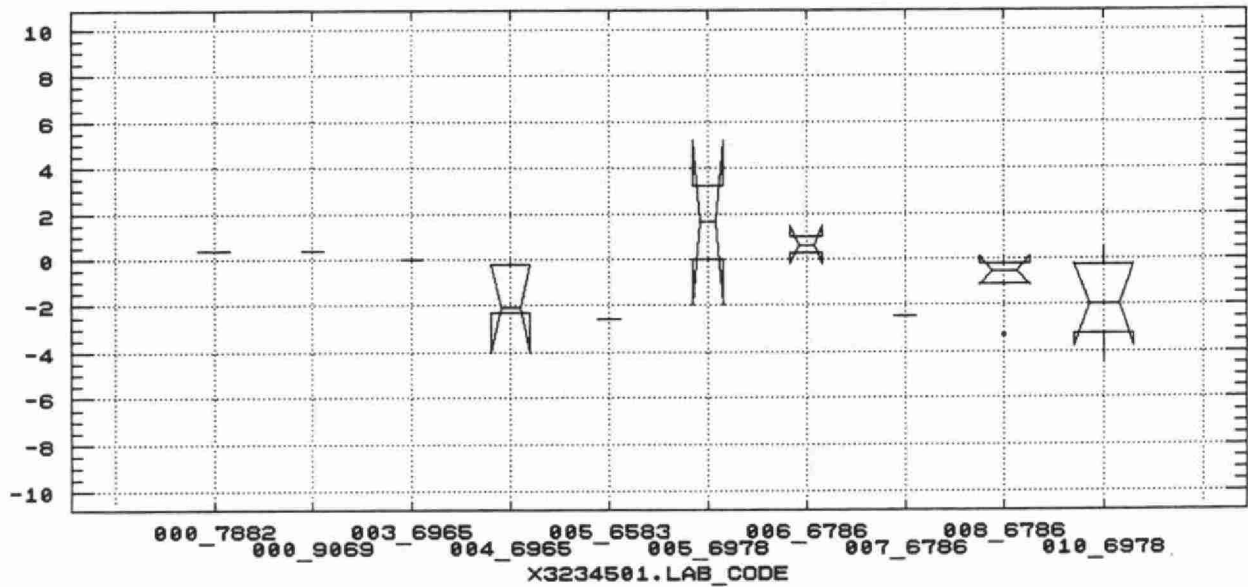
X323405.DIFF



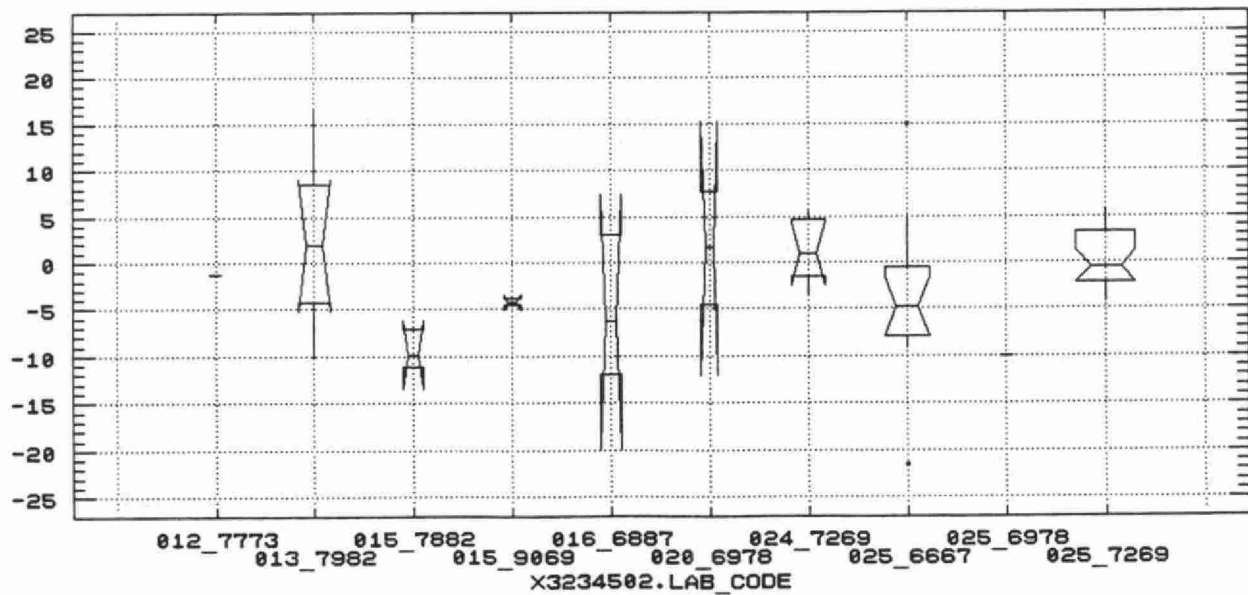
TRAVELLING SPIKED BLANKS



TRAVELLING SPIKED BLANKS

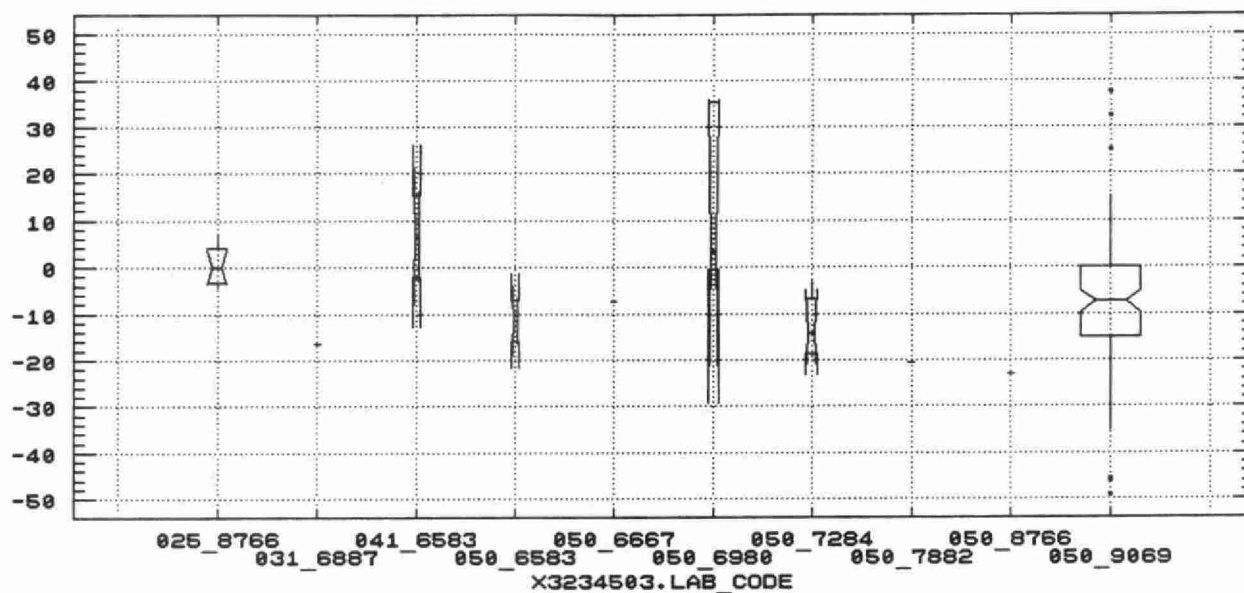


TRAVELLING SPIKED BLANKS



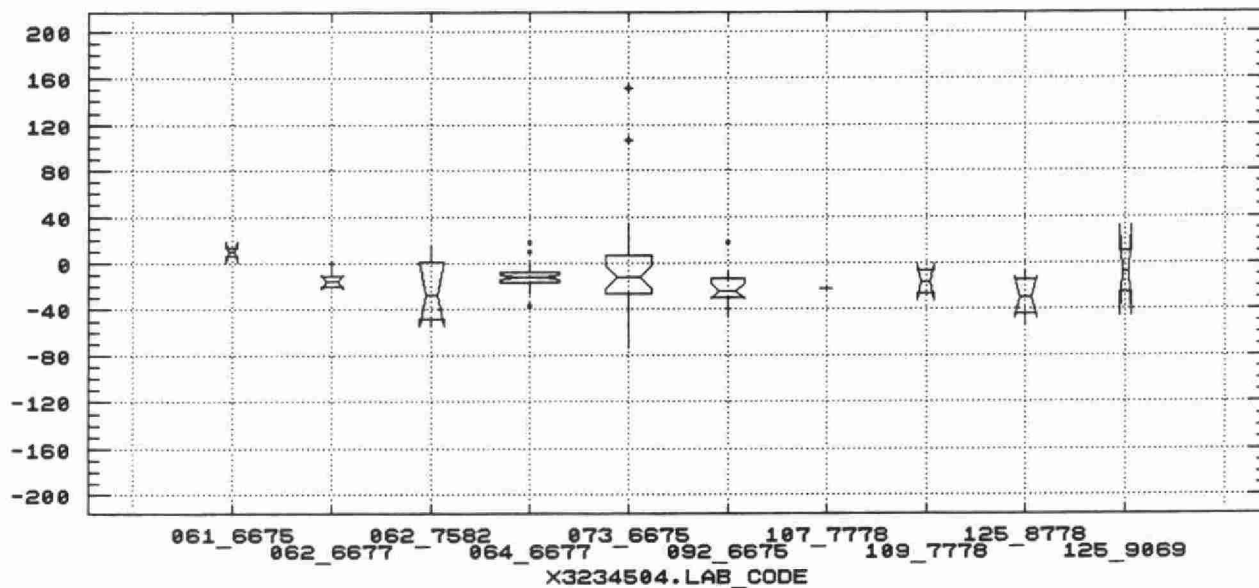
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X3234503.DIFF



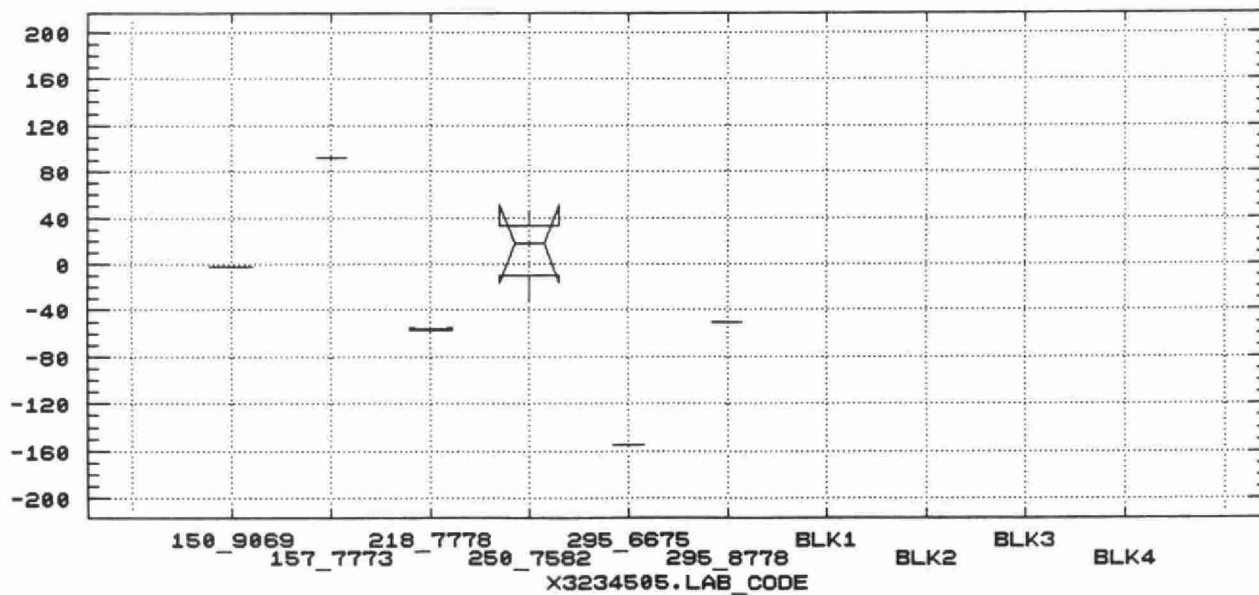
TRAVELLING SPIKED BLANKS

X3234504.DIFF



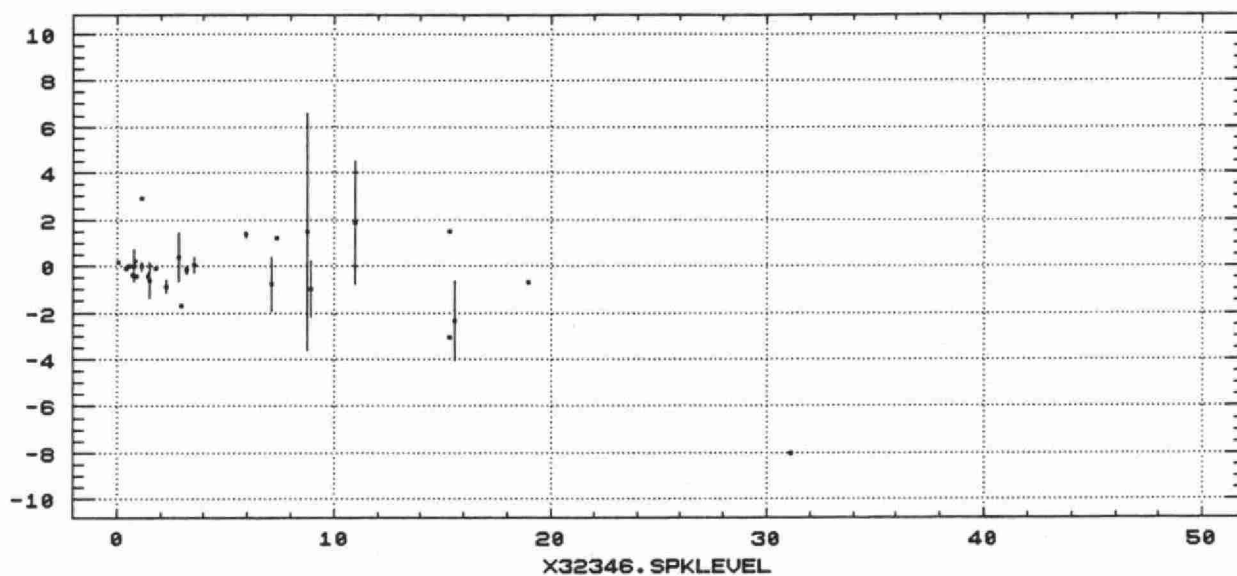
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X3234505.DIFF



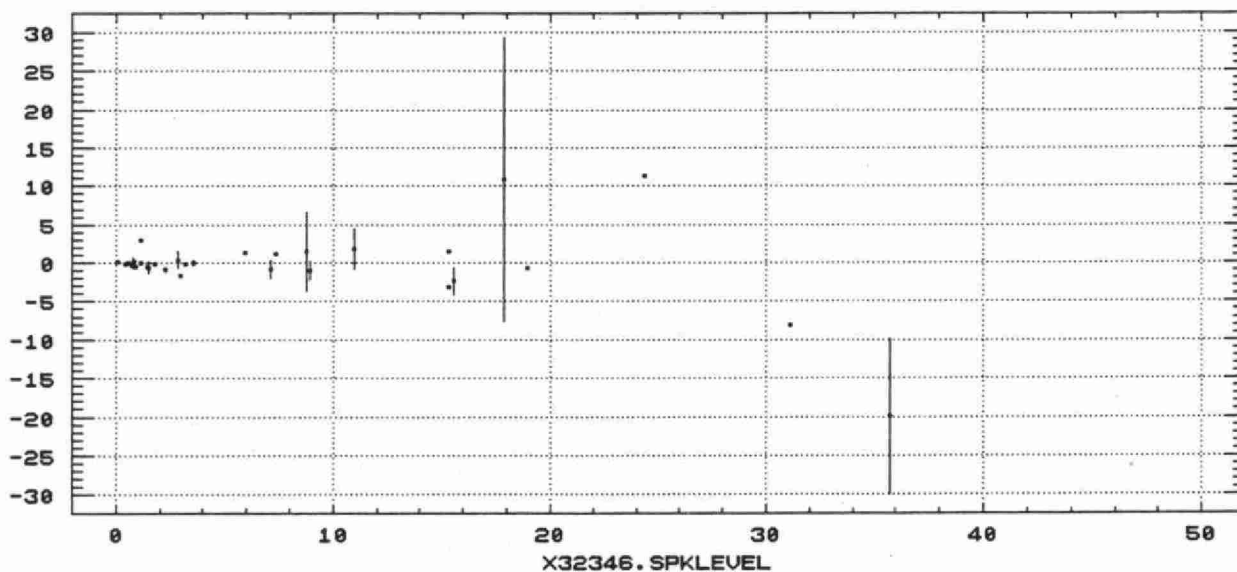
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X32346.AUG



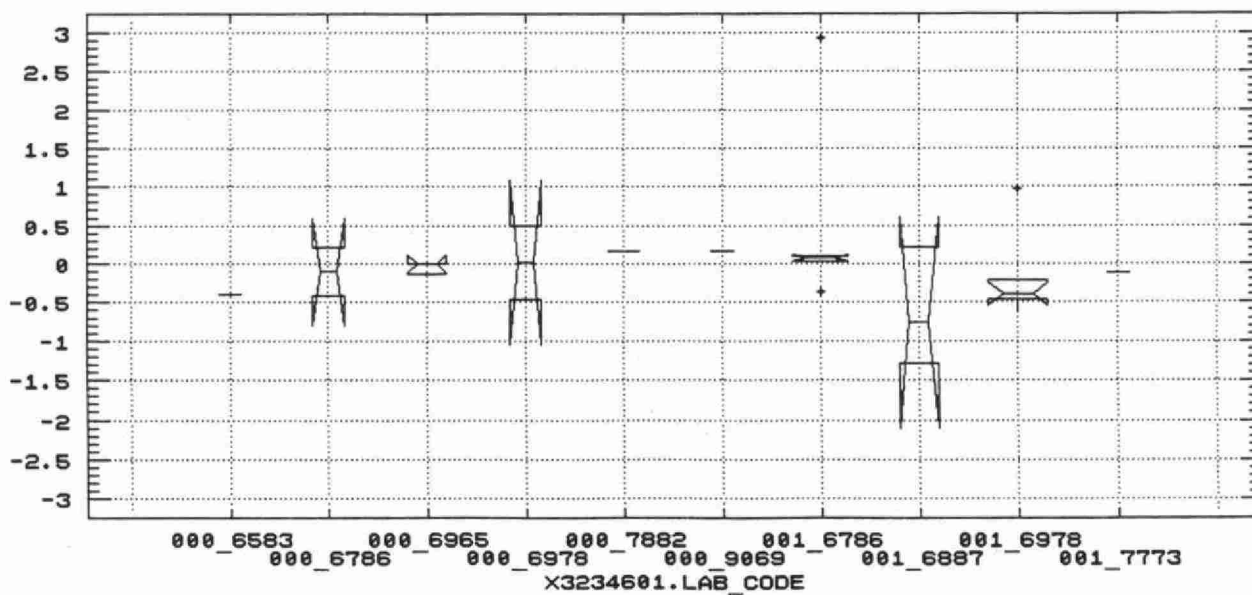
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X32346.AUG



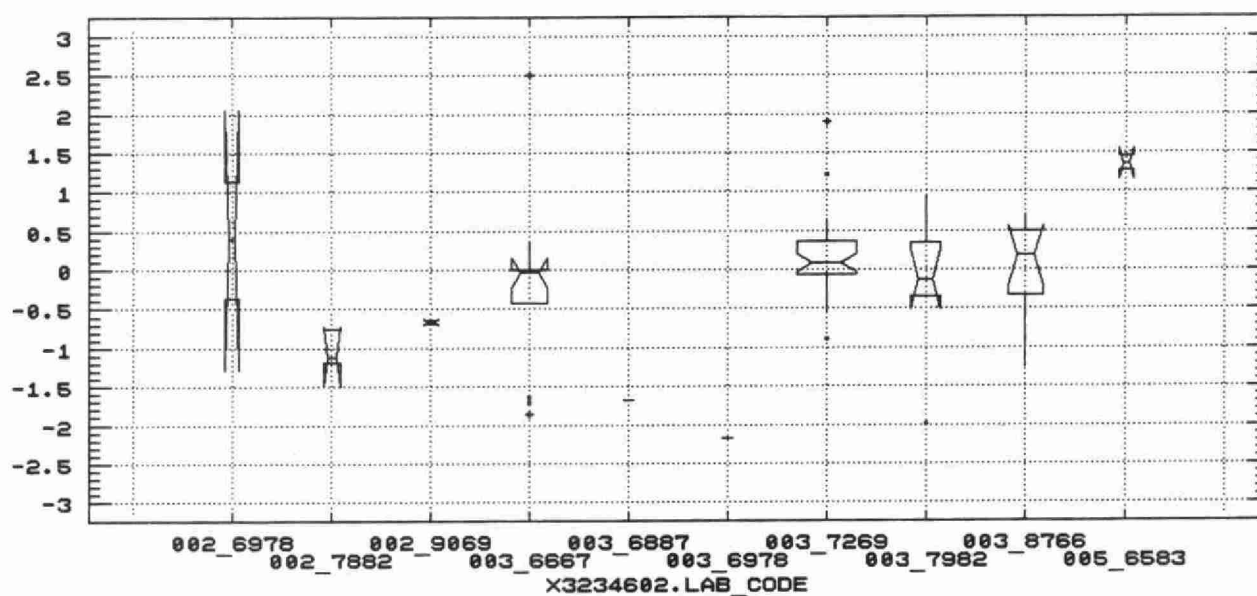
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X3234601.DIFF



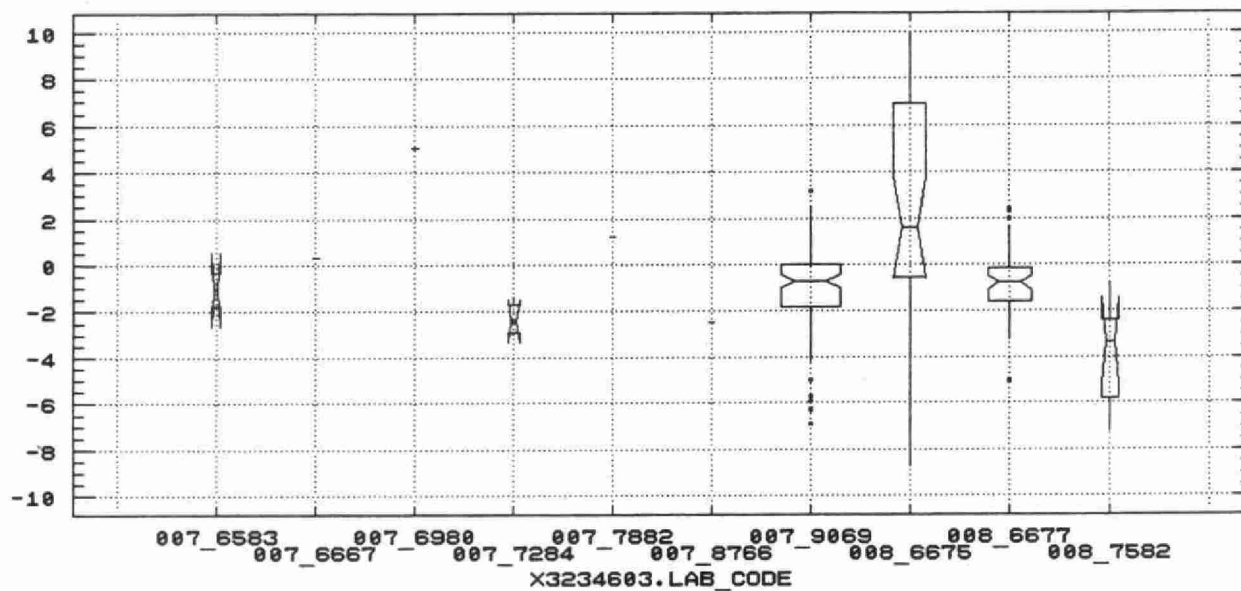
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X3234602.DIFF



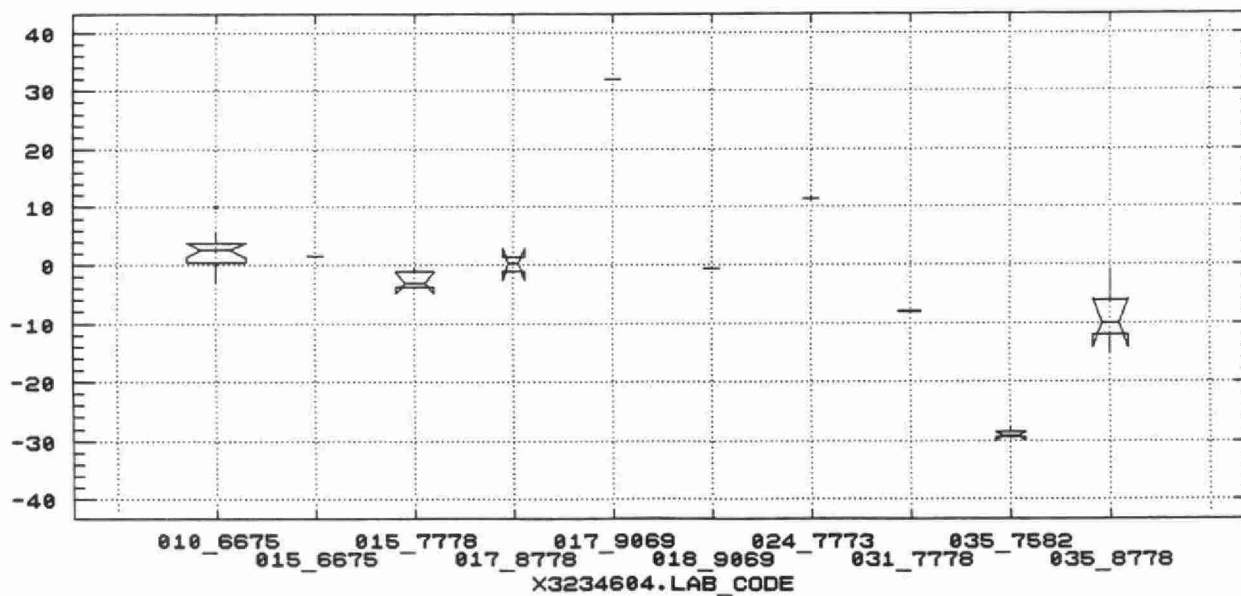
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X3234603.DIFF



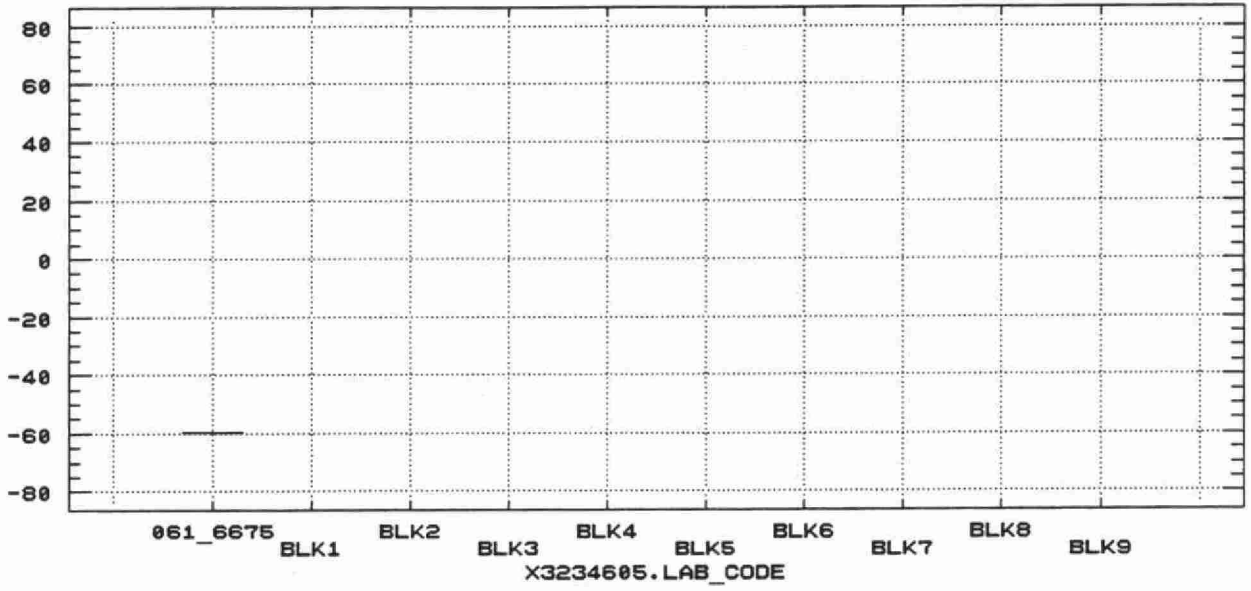
TRAVELLING SPIKED BLANKS

X3234604.DIFF



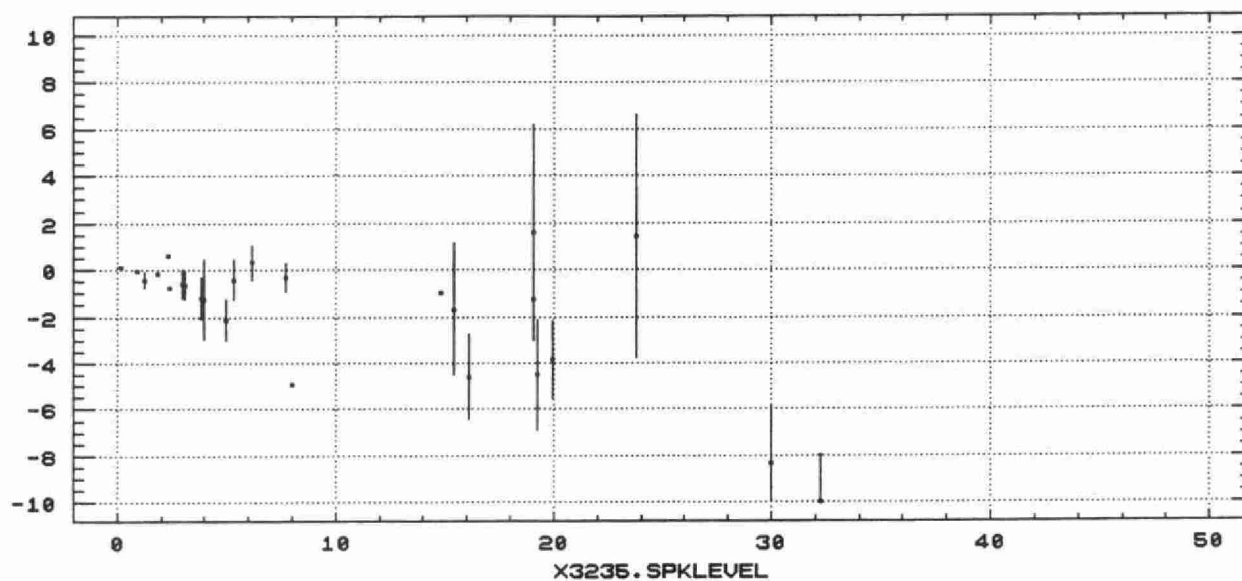
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X3234605.DIFF



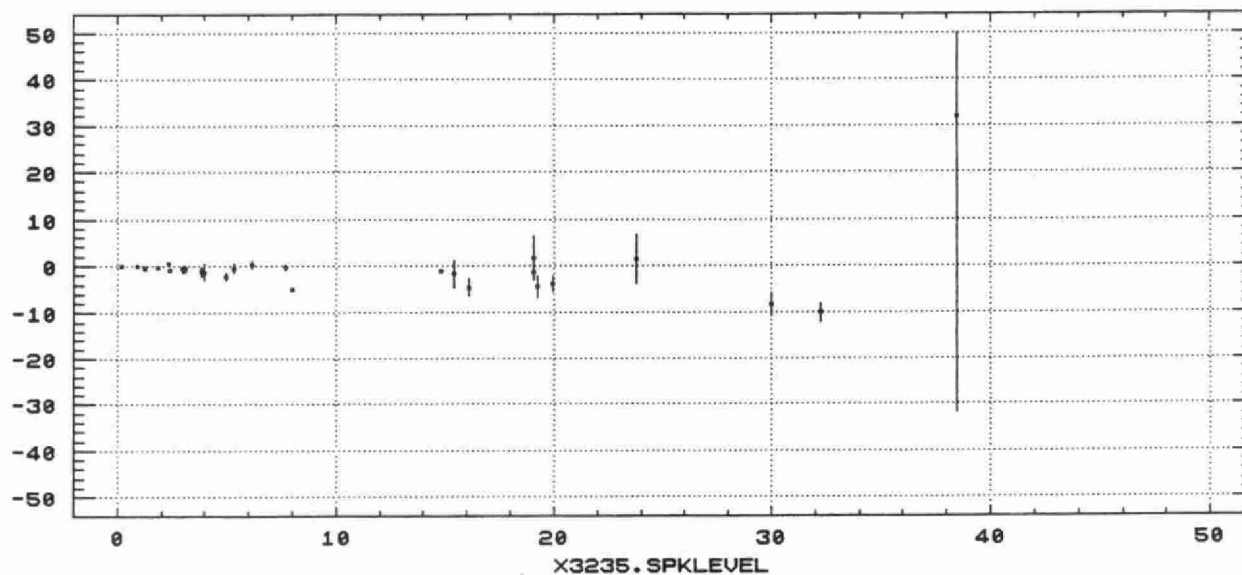
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X3235.AVG



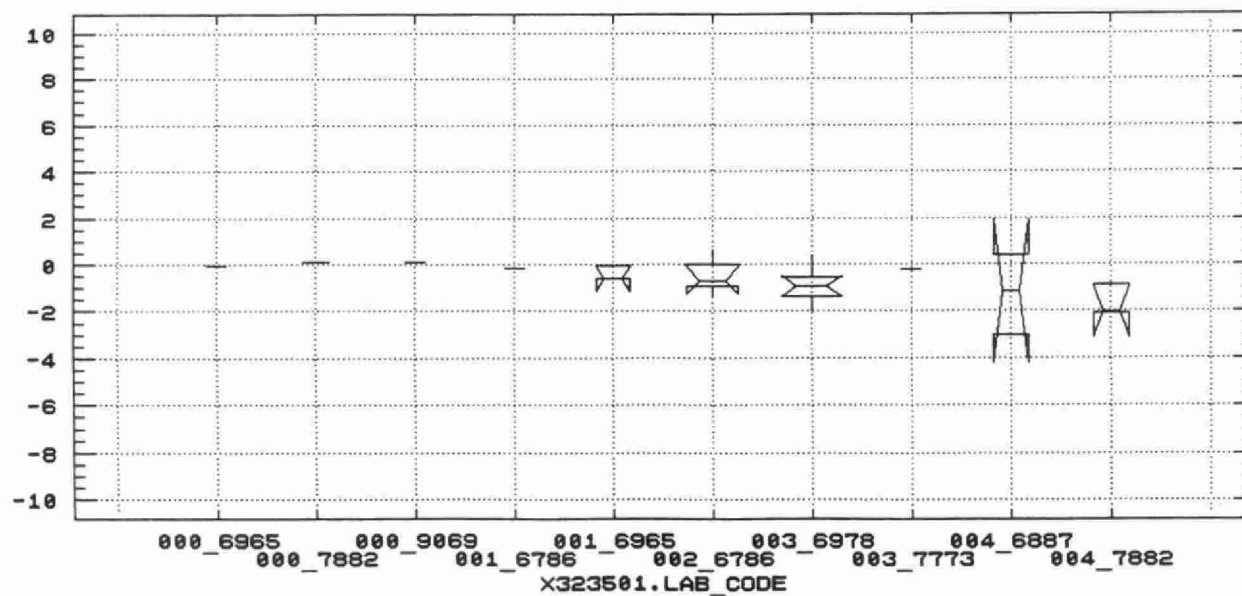
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X3235.AVG



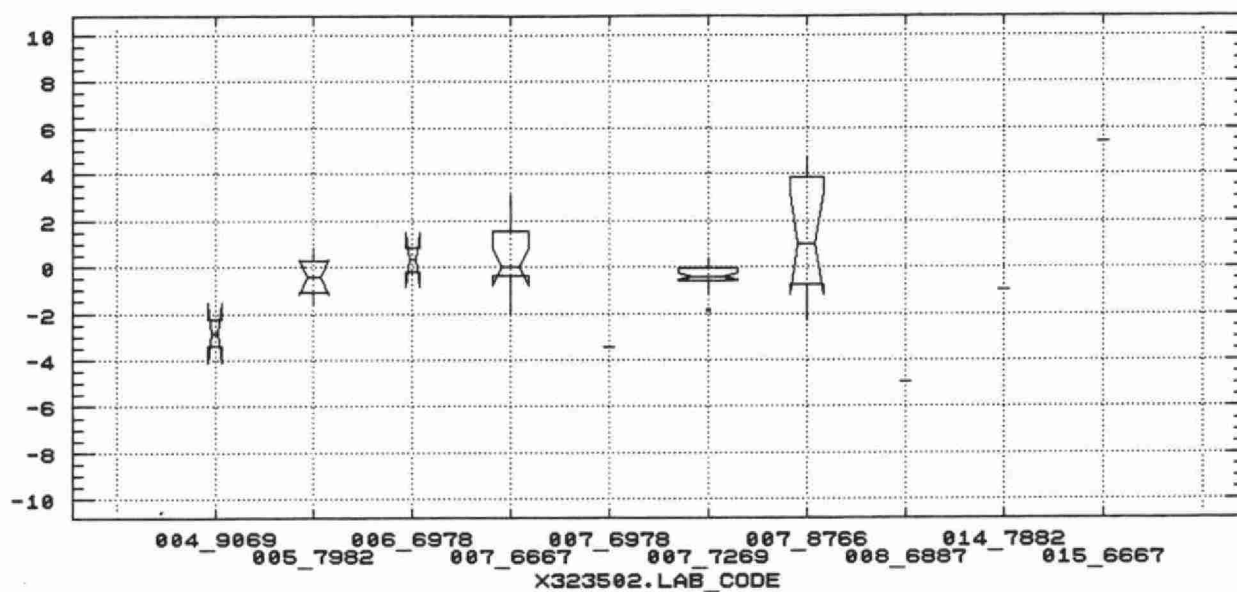
TRAVELLING SPIKED BLANKS

X323501.DIFF



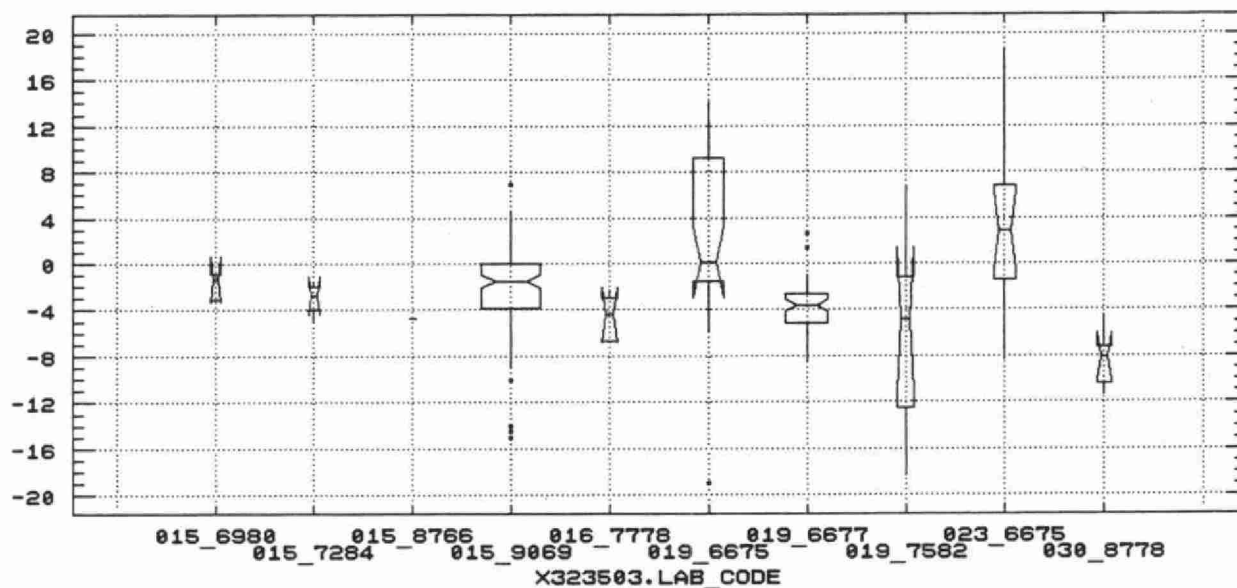
TRAVELLING SPIKED BLANKS

X323502.DIFF



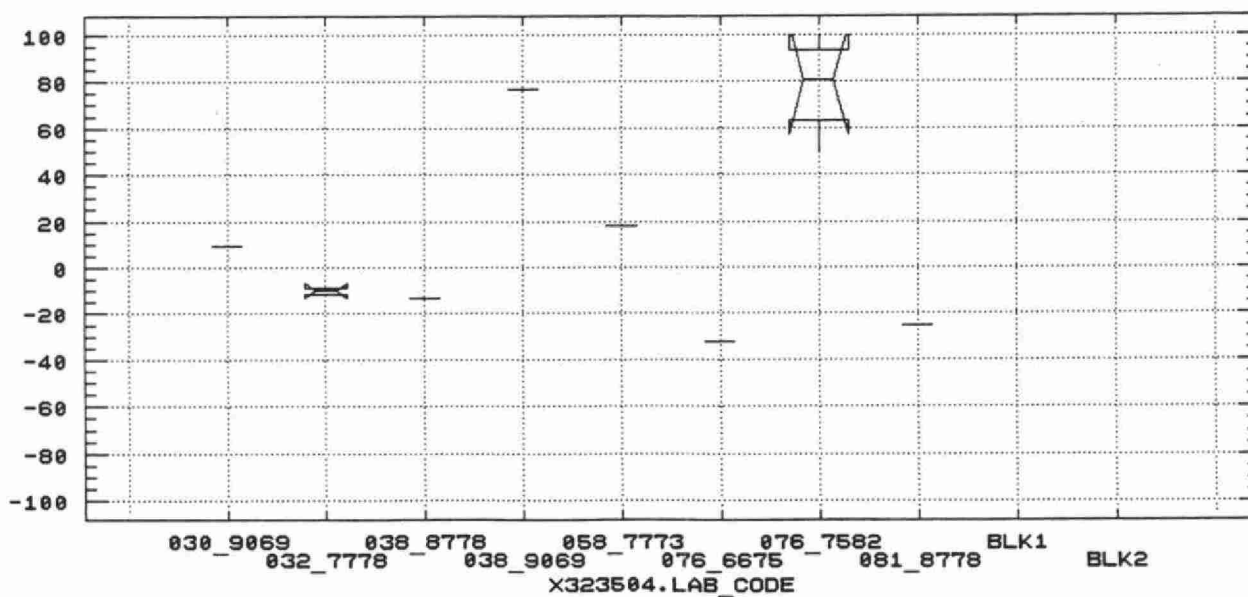
TRAVELLING SPIKED BLANKS

X323503.DIFF



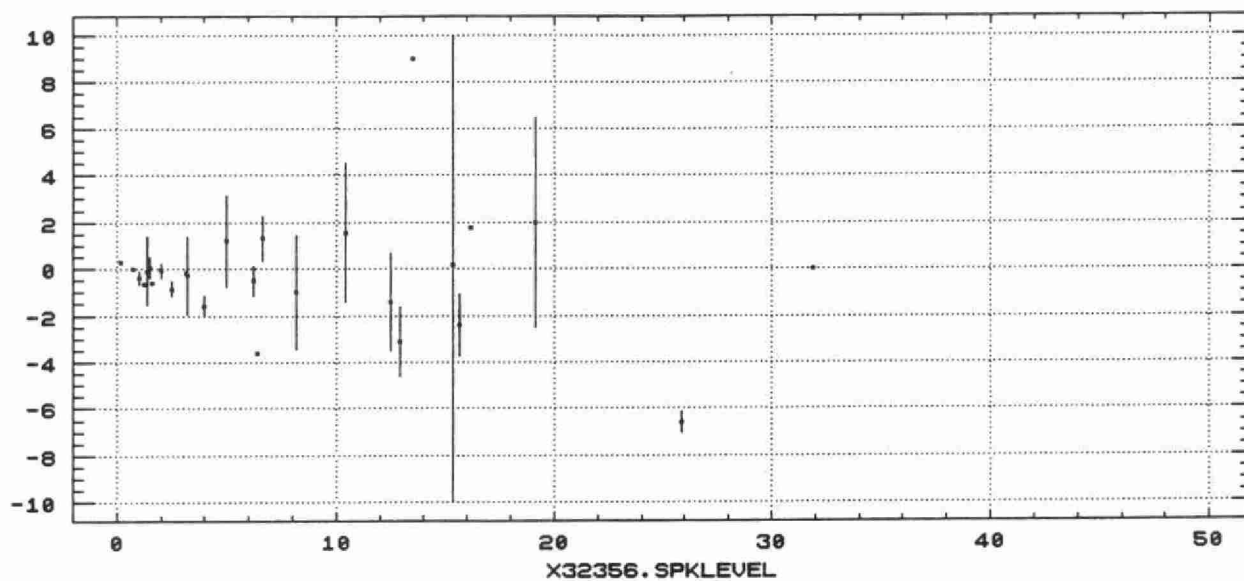
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X323504.DIFF



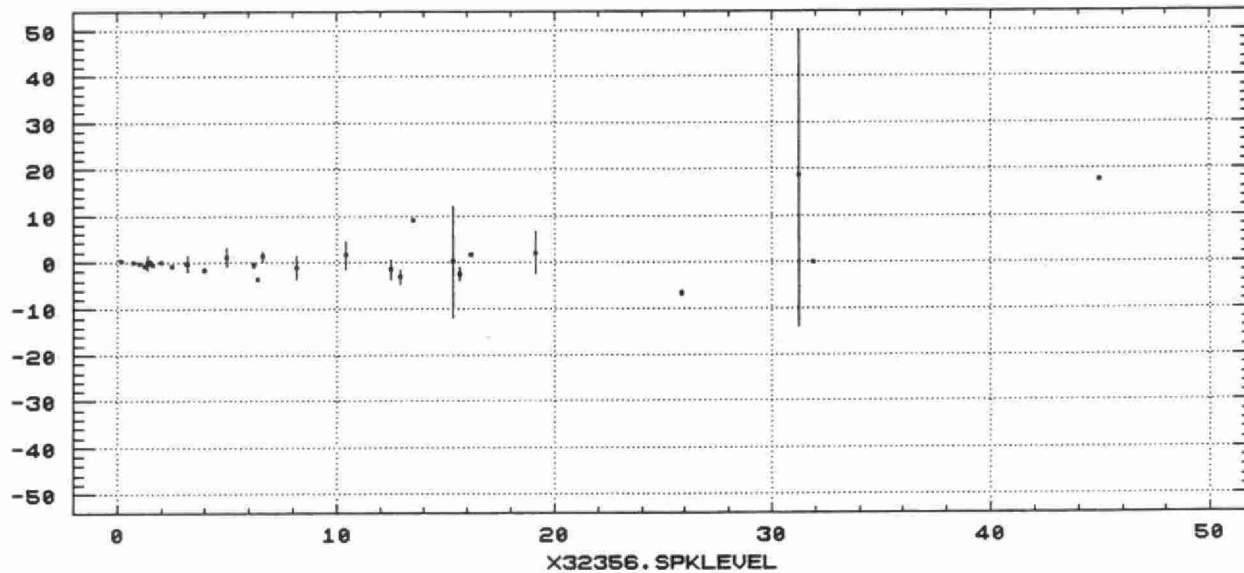
TRAVELLING SPIKED BLANKS

X32356.AVG



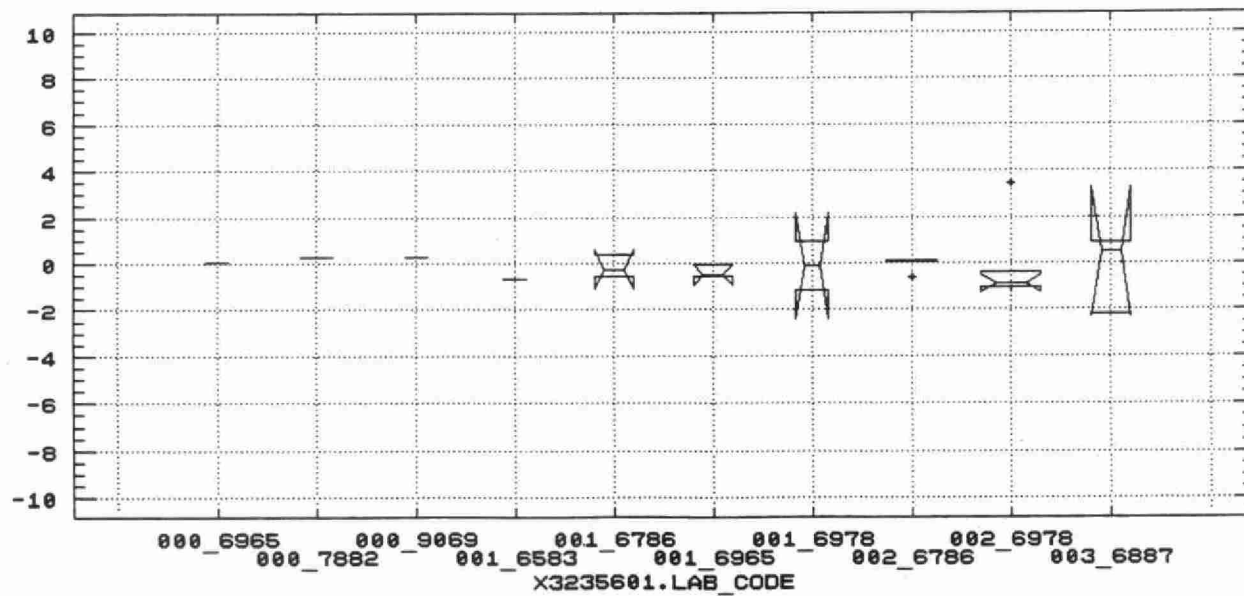
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X32356.AVG



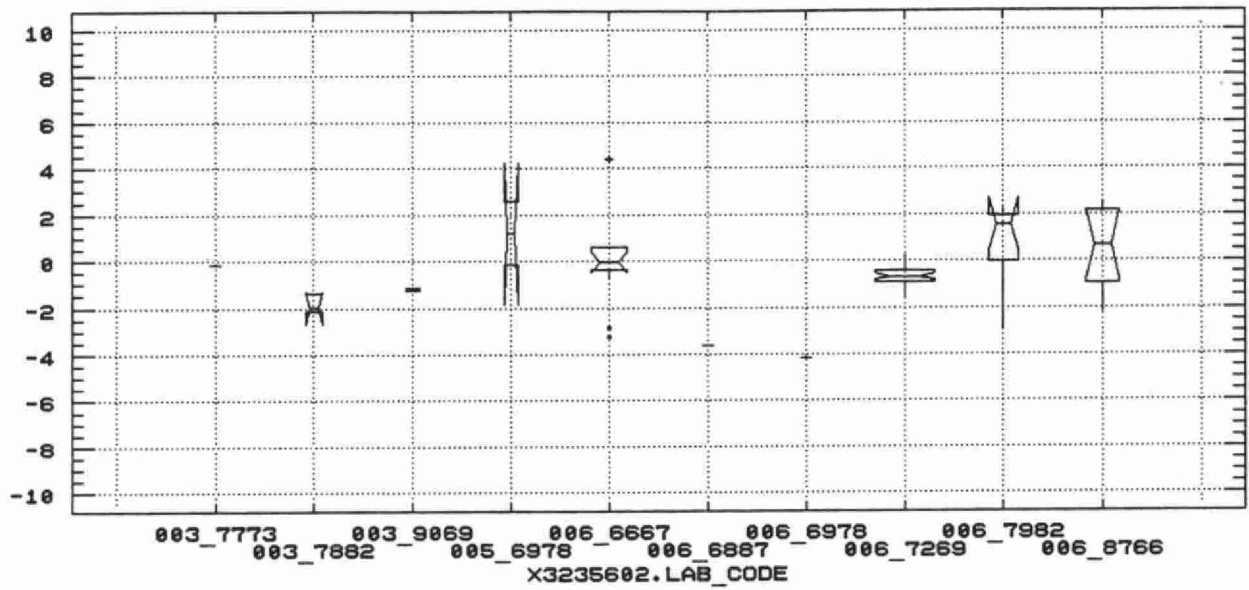
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X3235601.DIFF



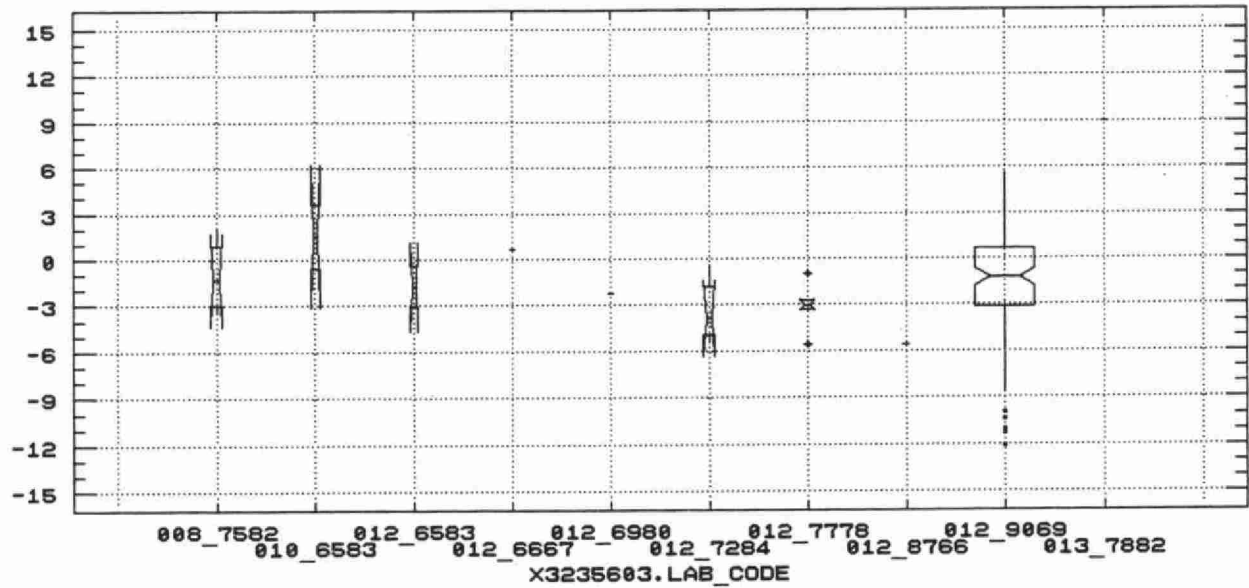
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X3235602.DIFF



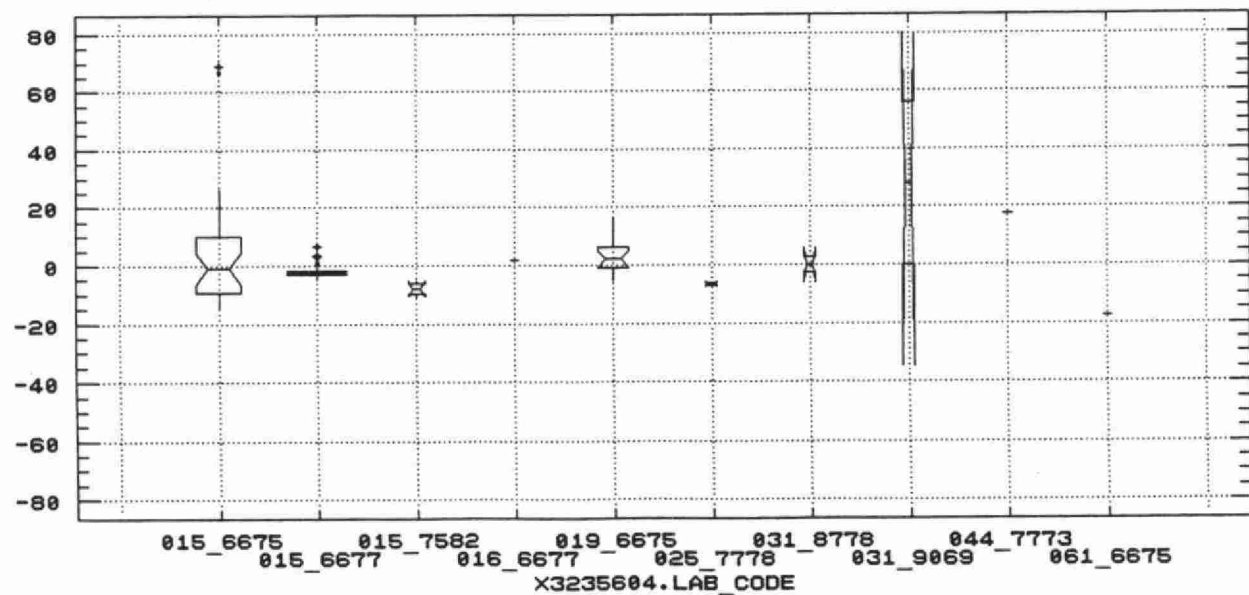
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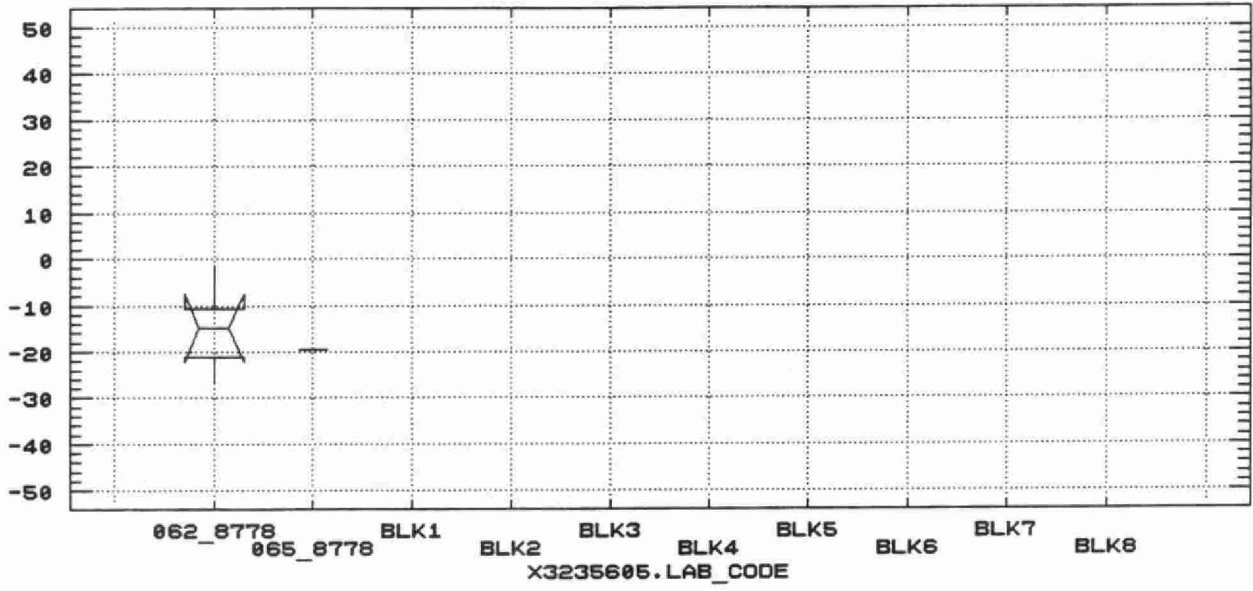
TRAVELLING SPIKED BLANKS

X3235604.DIFF



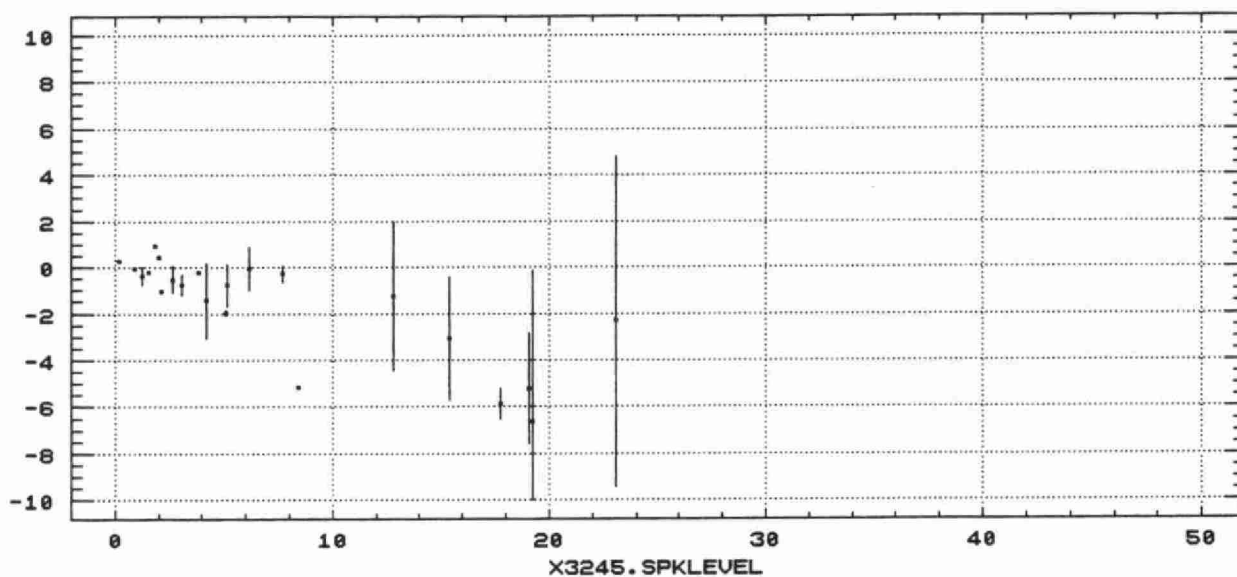
TRAVELLING SPIKED BLANKS

X3235605.DIFF



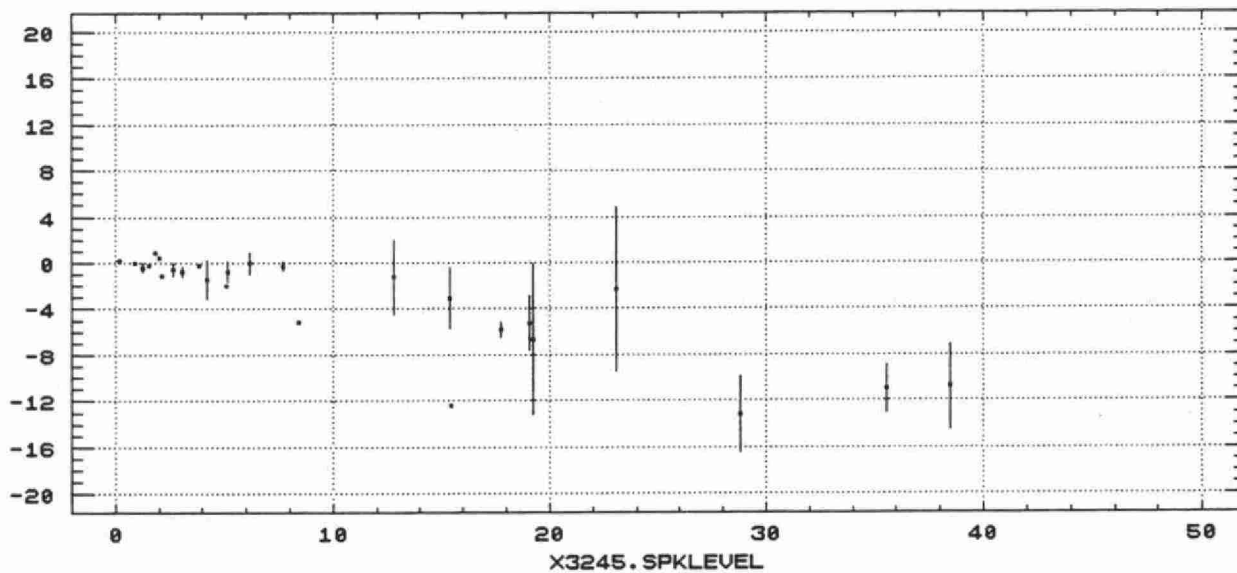
TRAVELLING SPIKED BLANKS

X3245.AUG



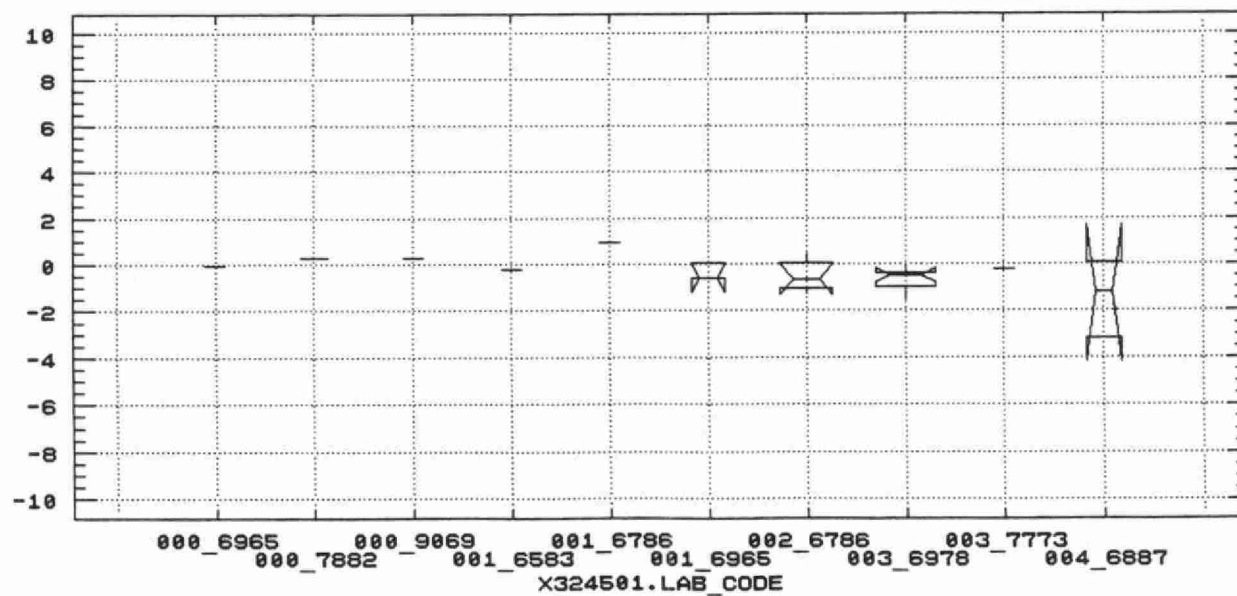
TRAVELLING SPIKED BLANKS

X3245.AUG



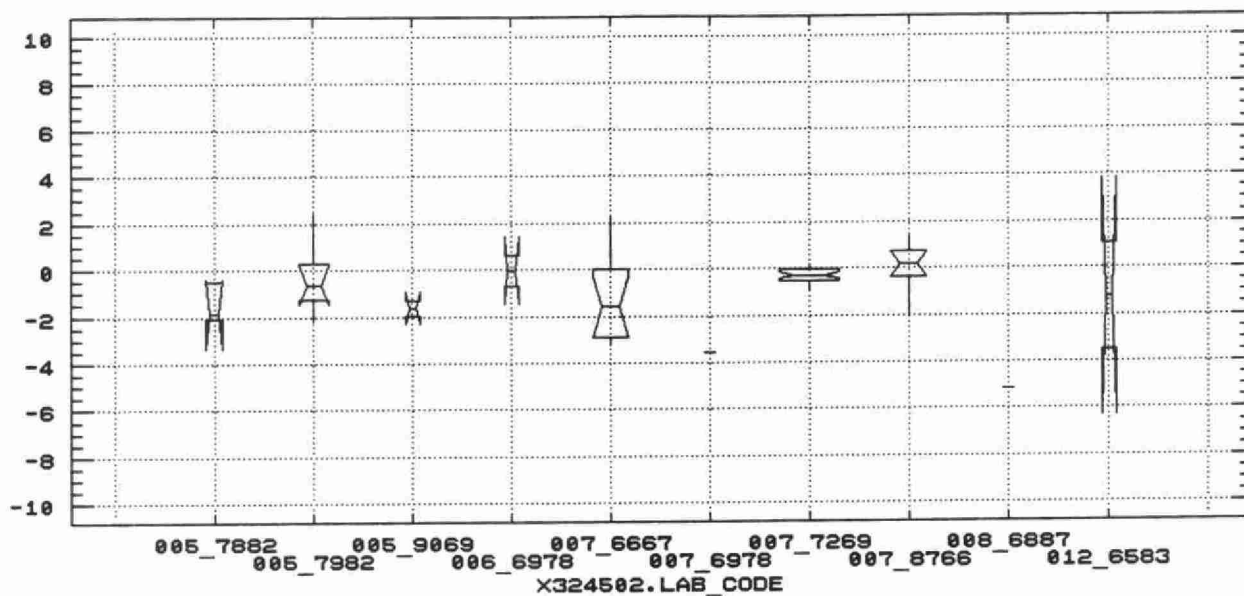
TRAVELLING SPIKED BLANKS

X324501.DIFF



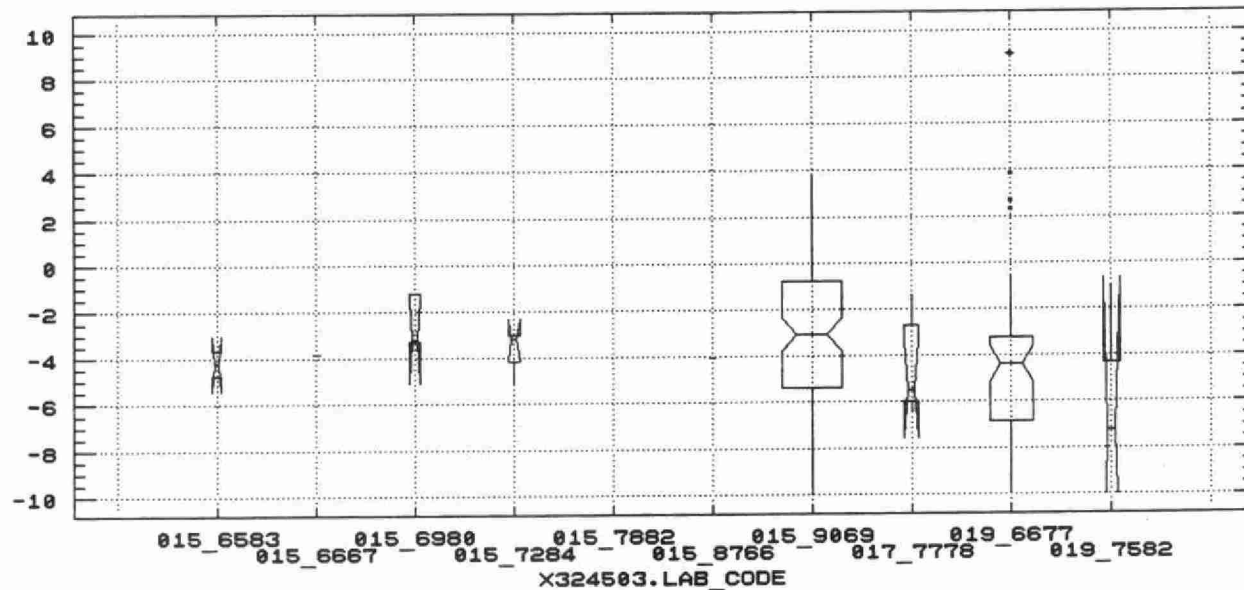
TRAVELLING SPIKED BLANKS

X324502.DIFF



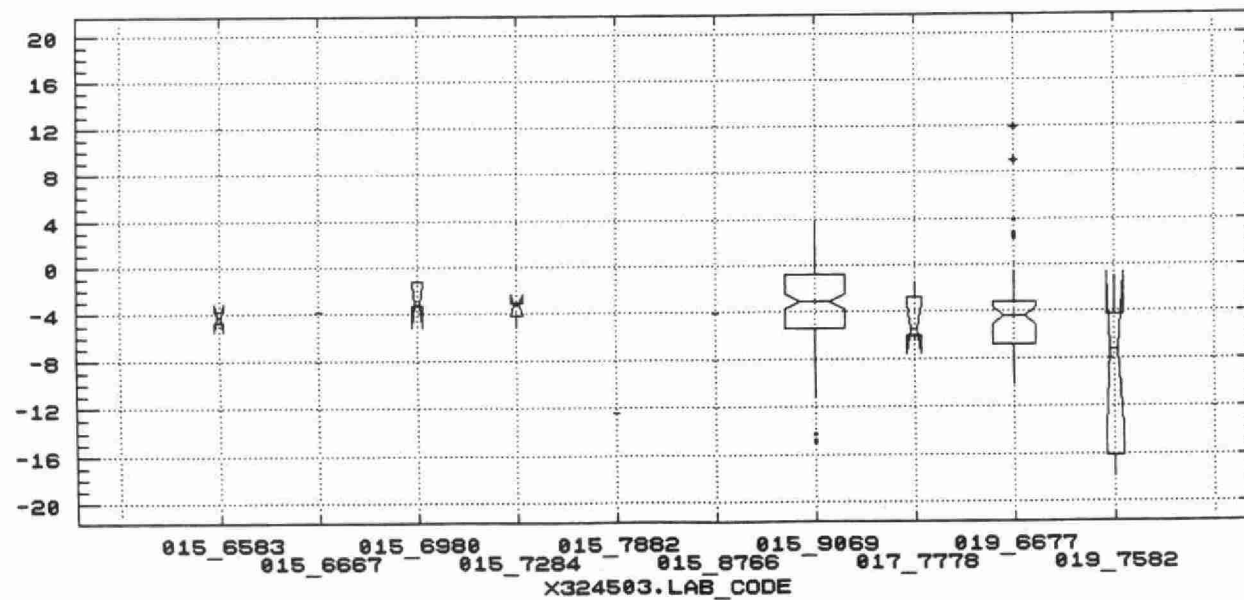
TRAVELLING SPIKED BLANKS

X324503.DIFF



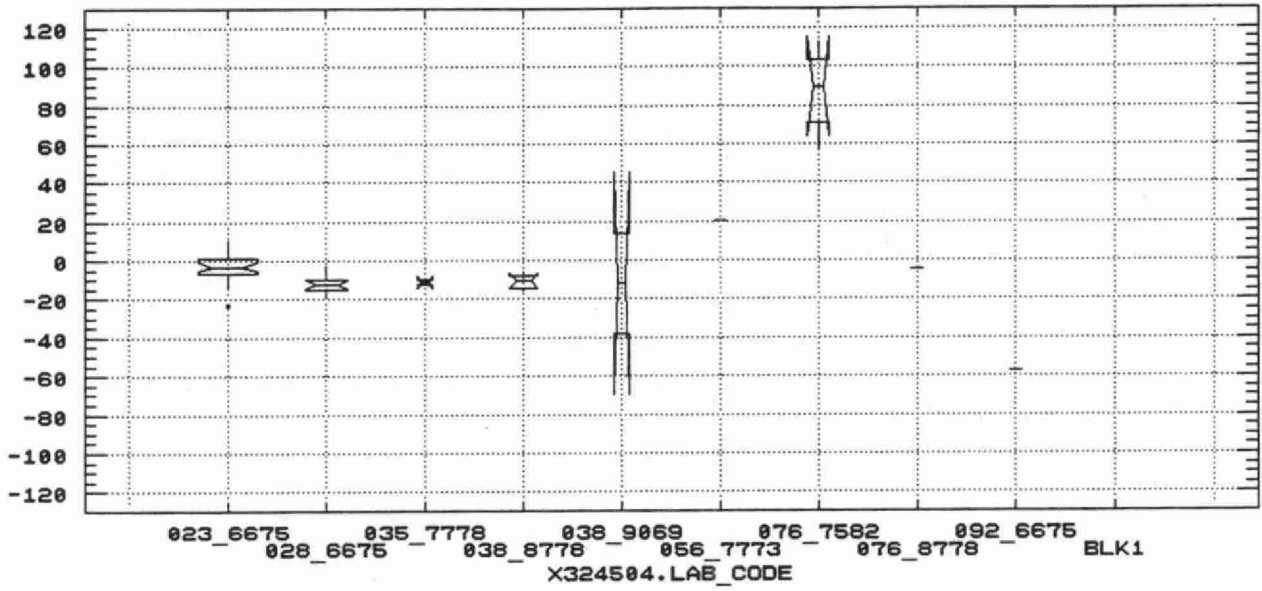
TRAVELLING SPIKED BLANKS

X324503.DIFF



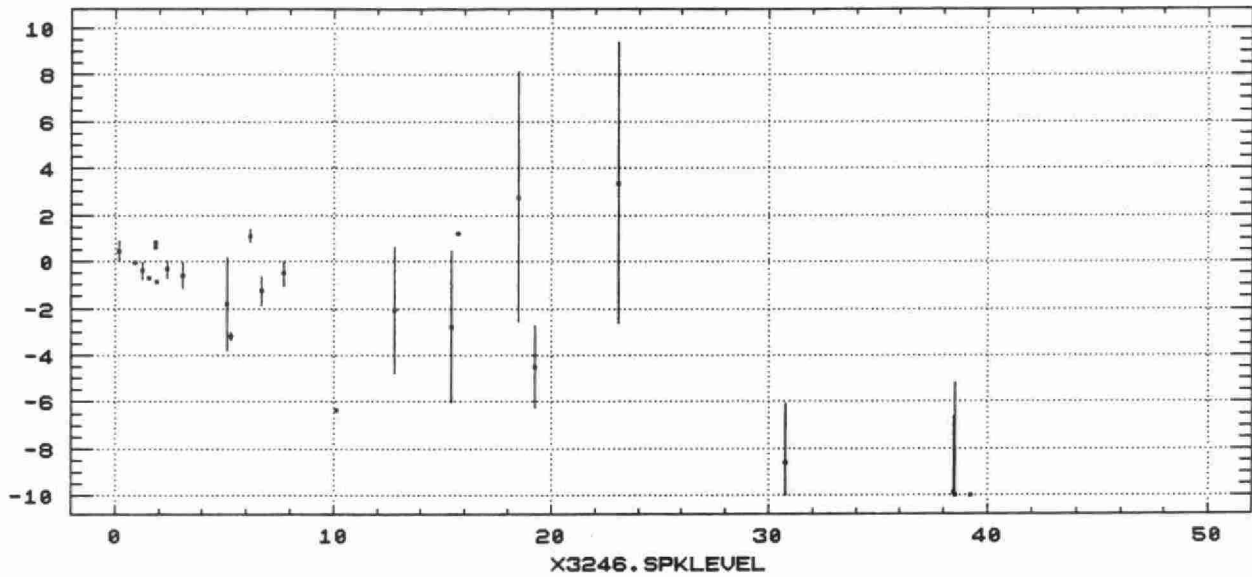
TRAVELLING SPIKED BLANKS

X324504.DIFF



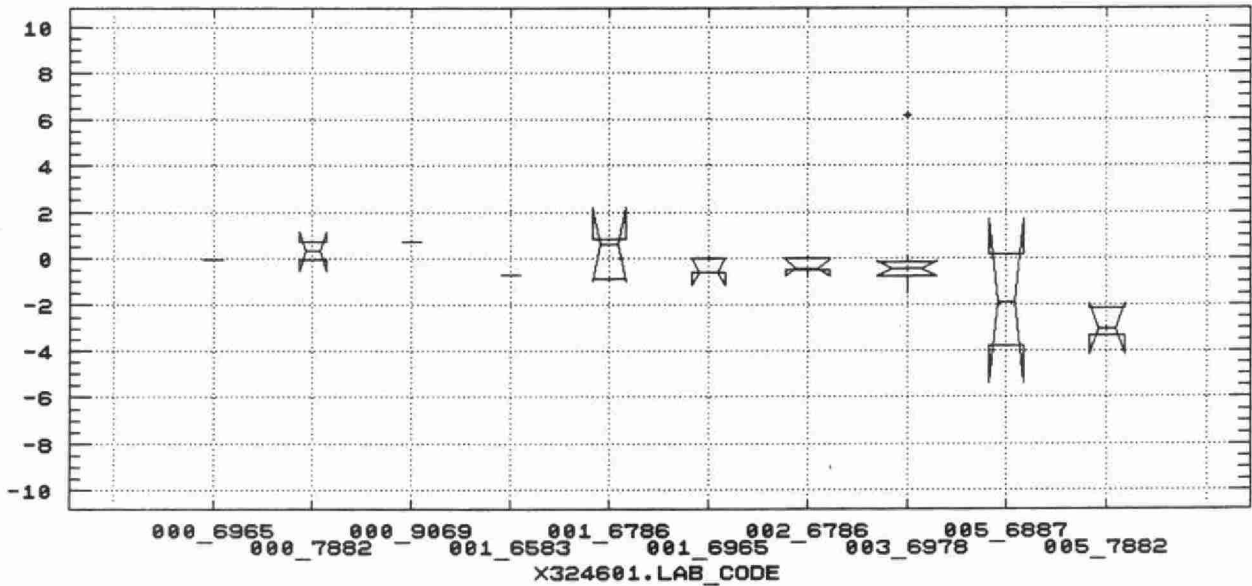
TRAVELLING SPIKED BLANKS

X3246.AVG



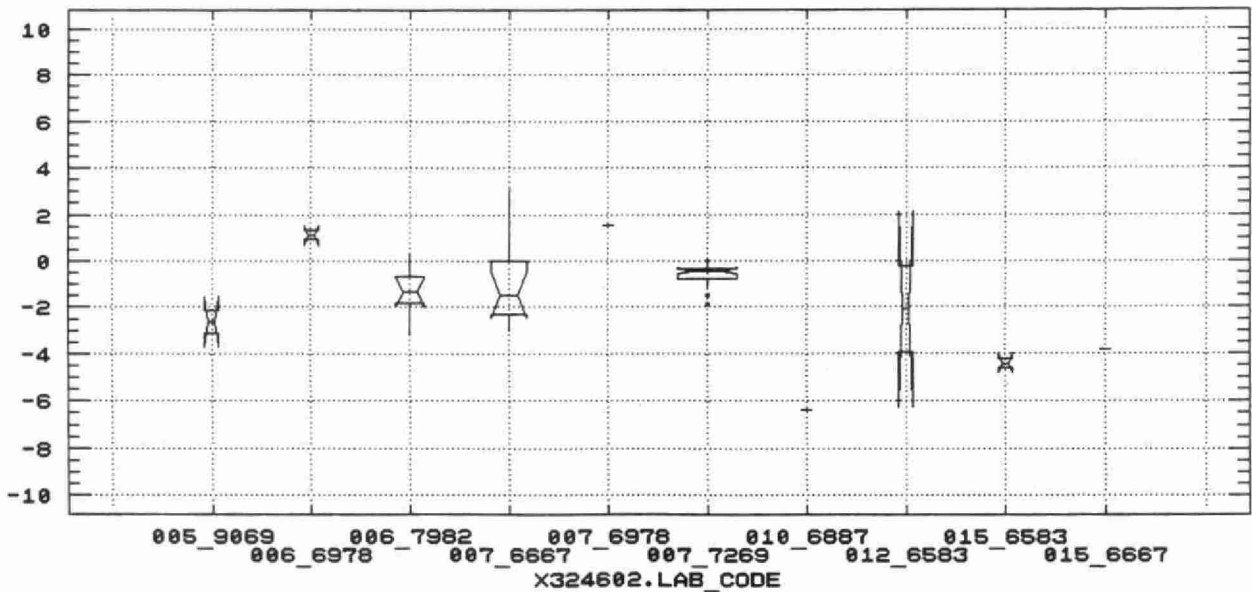
TRAVELLING SPIKED BLANKS

X324601.DIFF



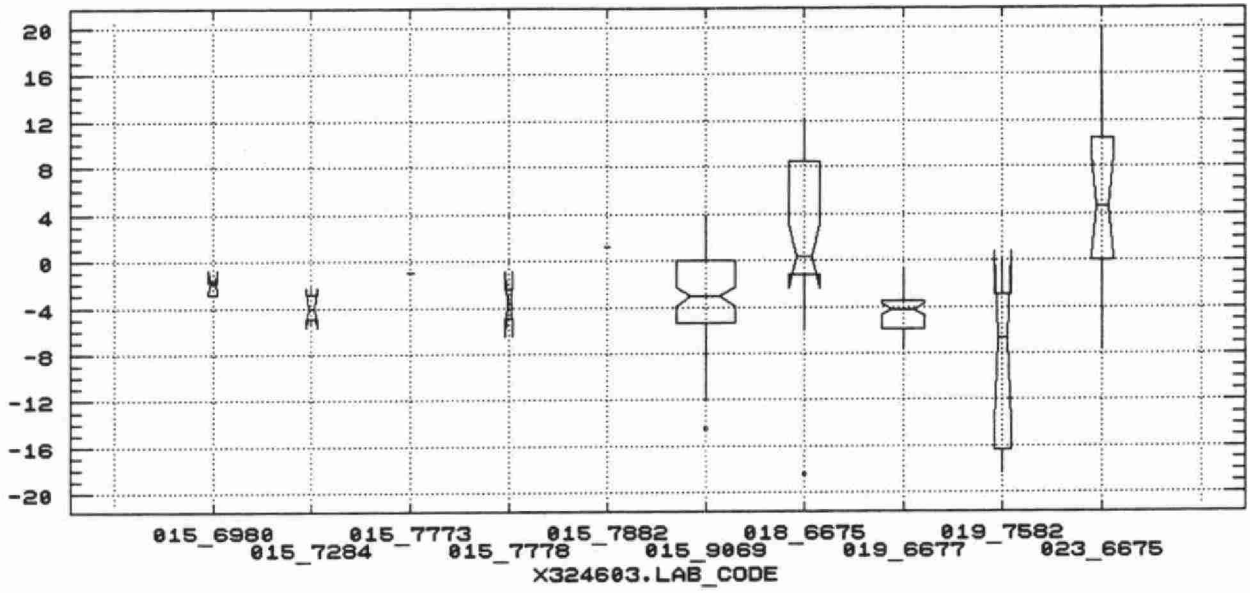
TRAVELLING SPIKED BLANKS

X324602.DIFF



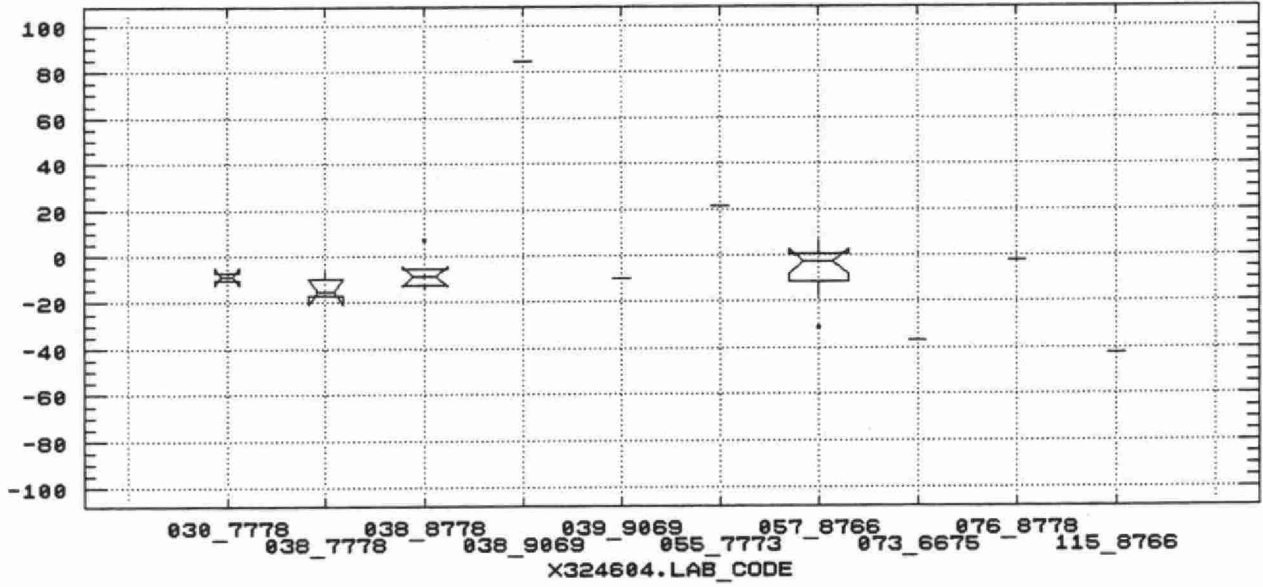
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X324603.DIFF



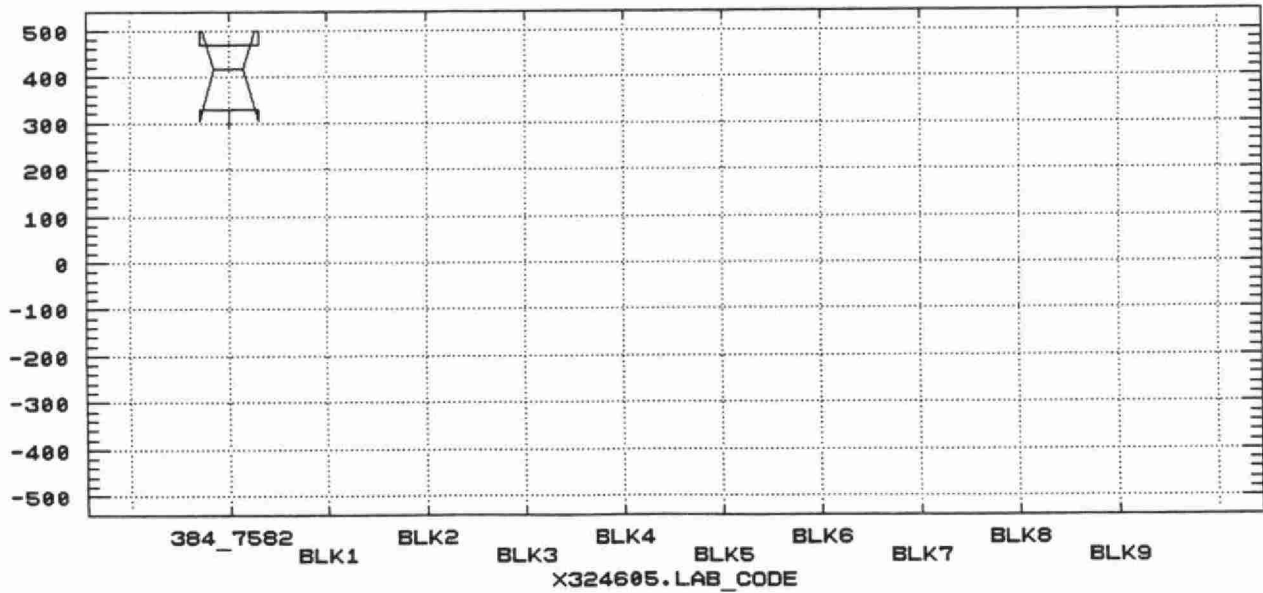
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X324604.DIFF



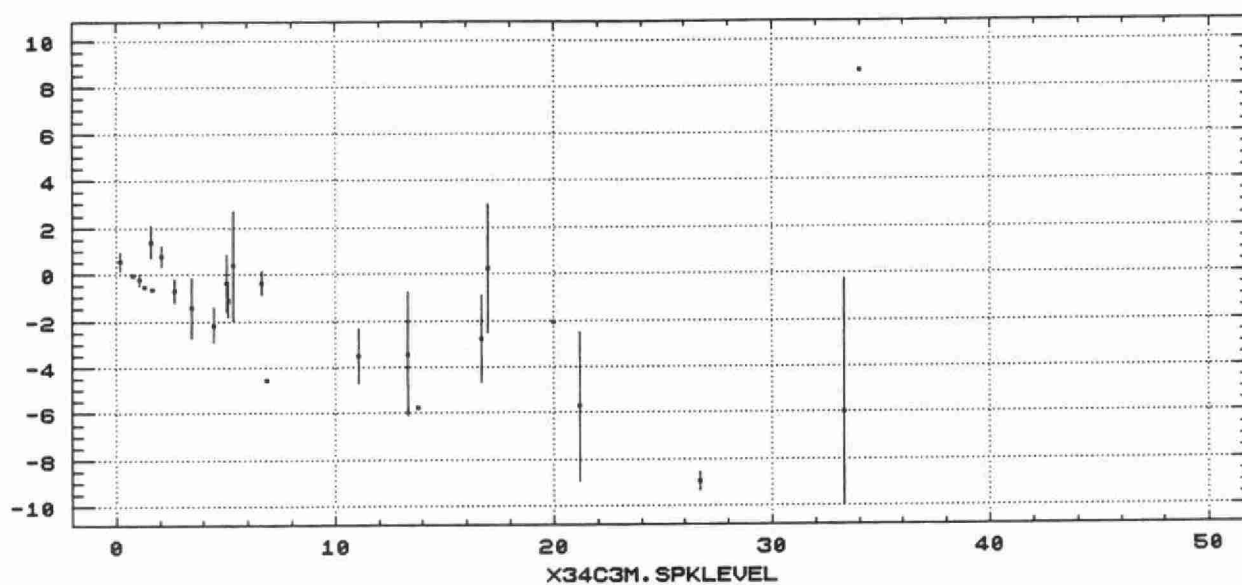
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X324605.DIFF



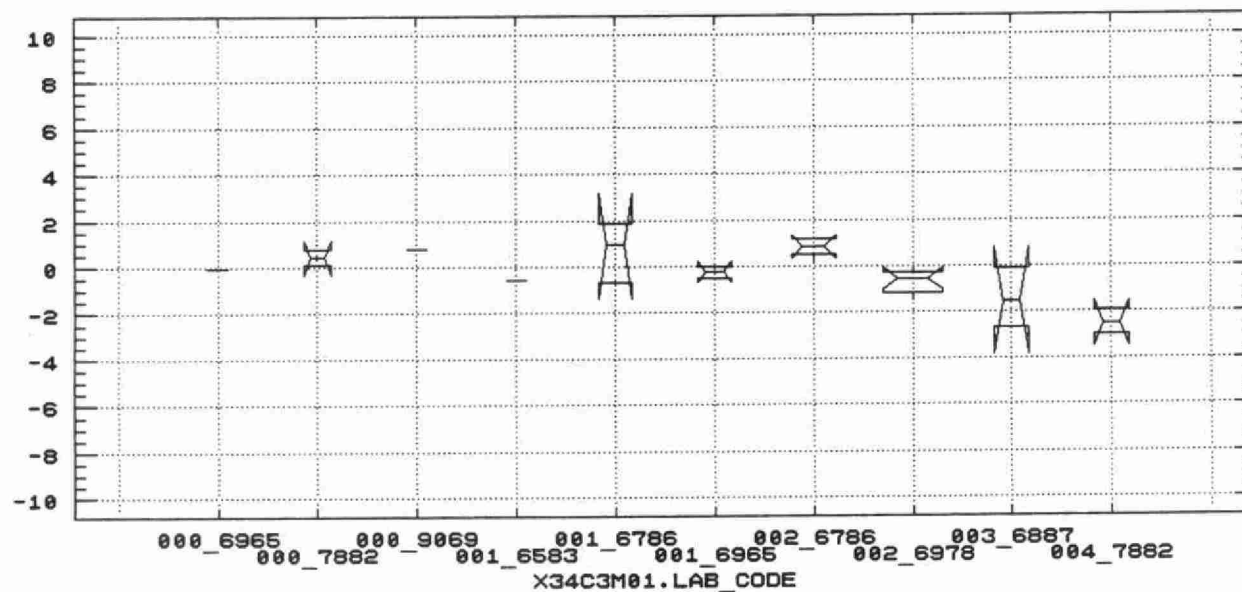
TRAVELLING SPIKED BLANKS

X34C3M.AVG



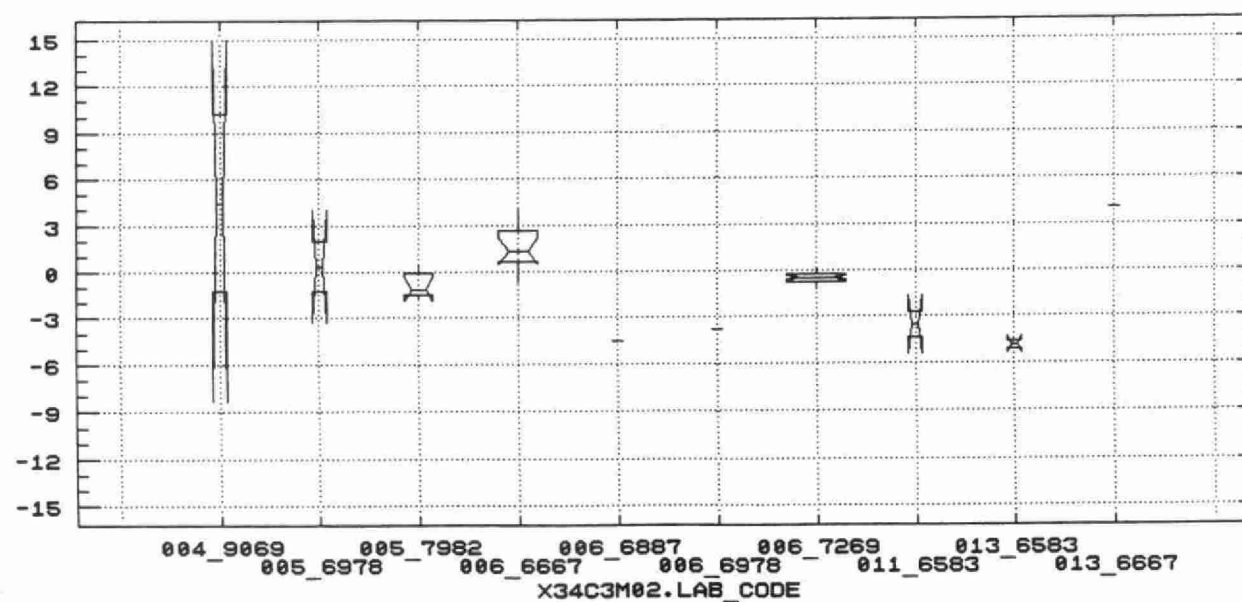
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X34C3M01.DIFF



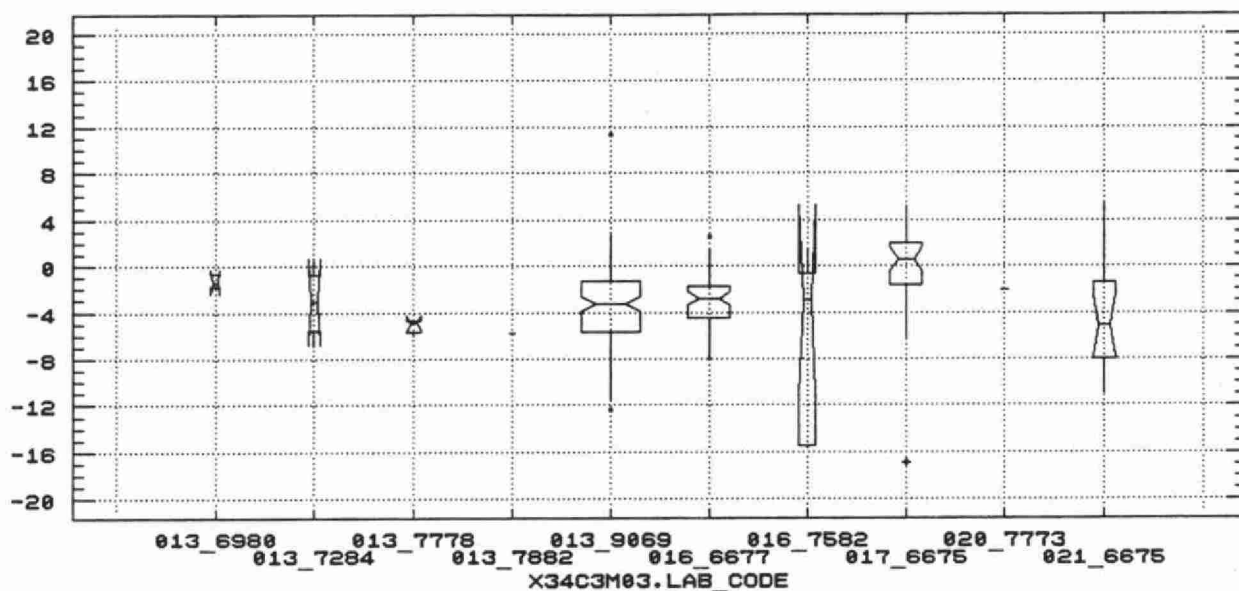
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X34C3M02.DIFF



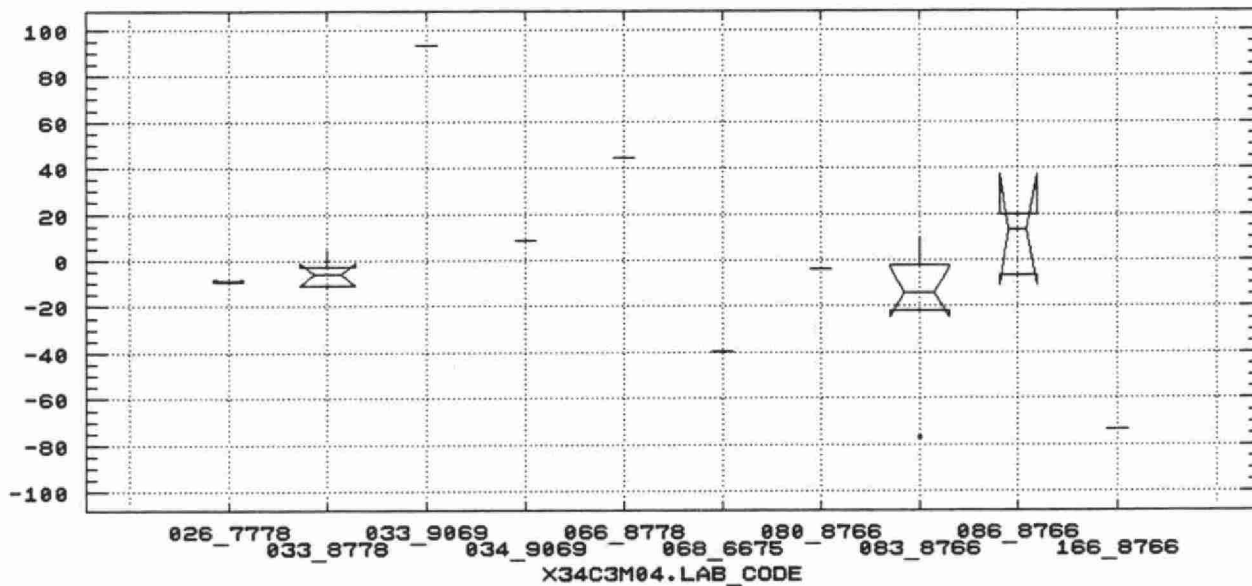
TRAVELLING SPIKED BLANKS

X34C3M03.DIFF



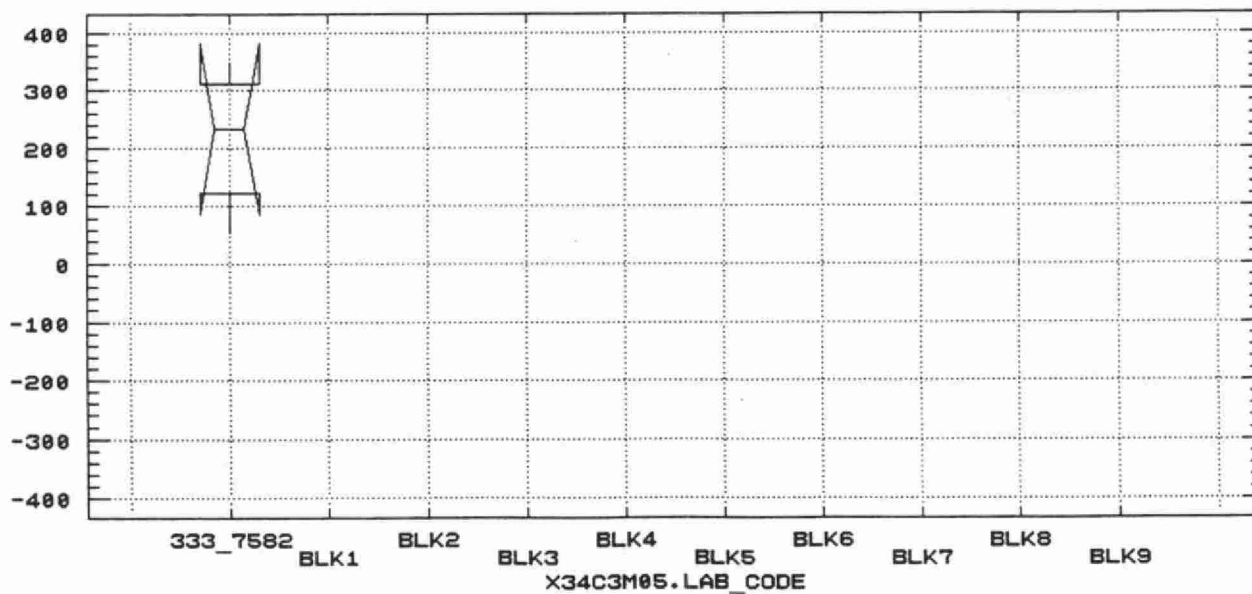
TRAVELLING SPIKED BLANKS

X34C3M04.DIFF



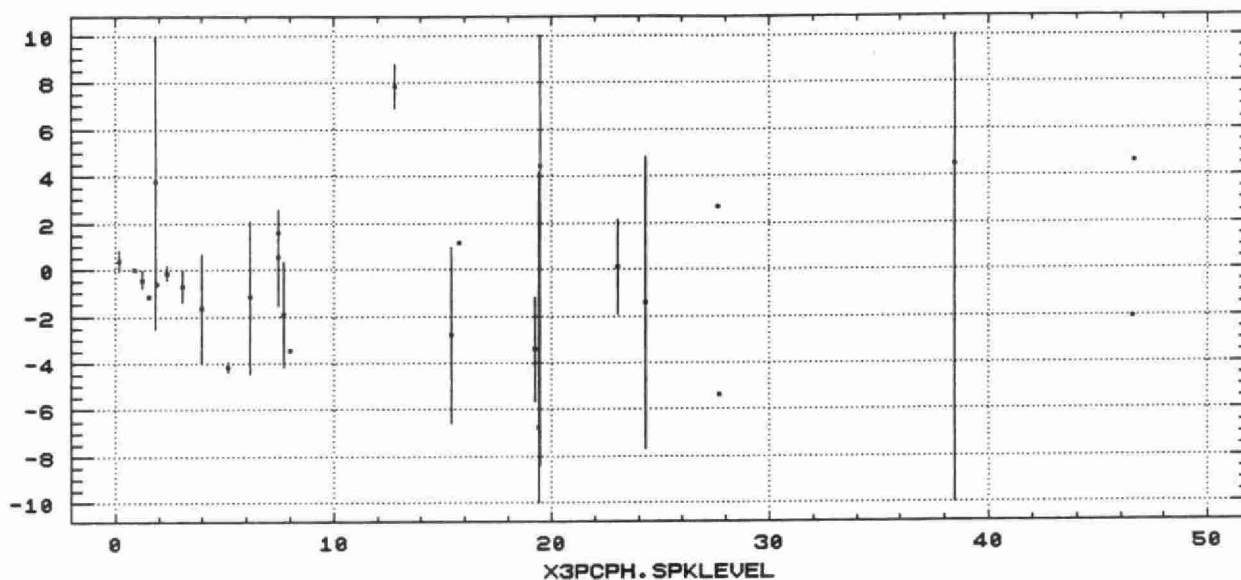
TRAVELLING SPIKED BLANKS

X34C3M05.DIFF



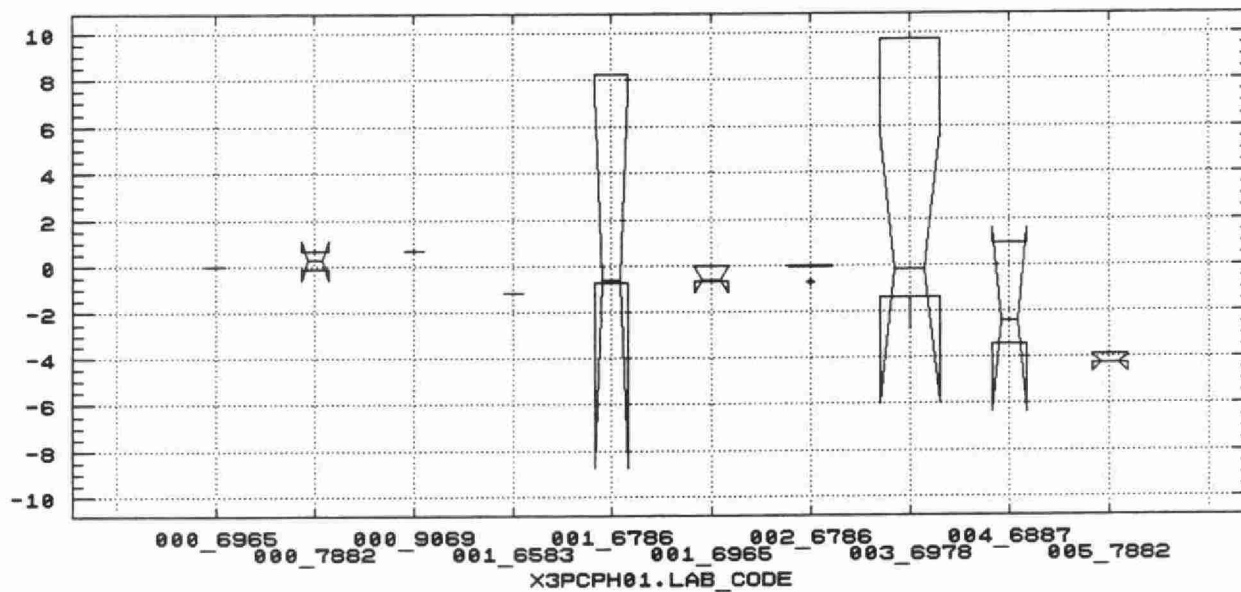
TRAVELLING SPIKED BLANKS

X3PCPH.AVG



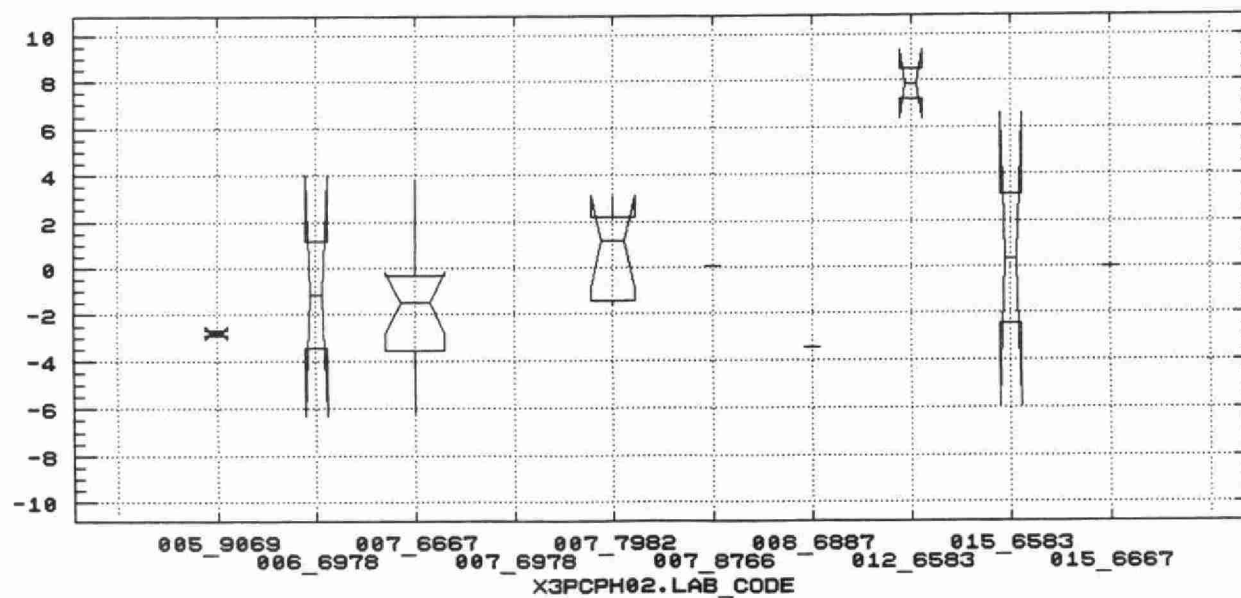
TRAVELLING SPIKED BLANKS

X3PCPH01.DIFF



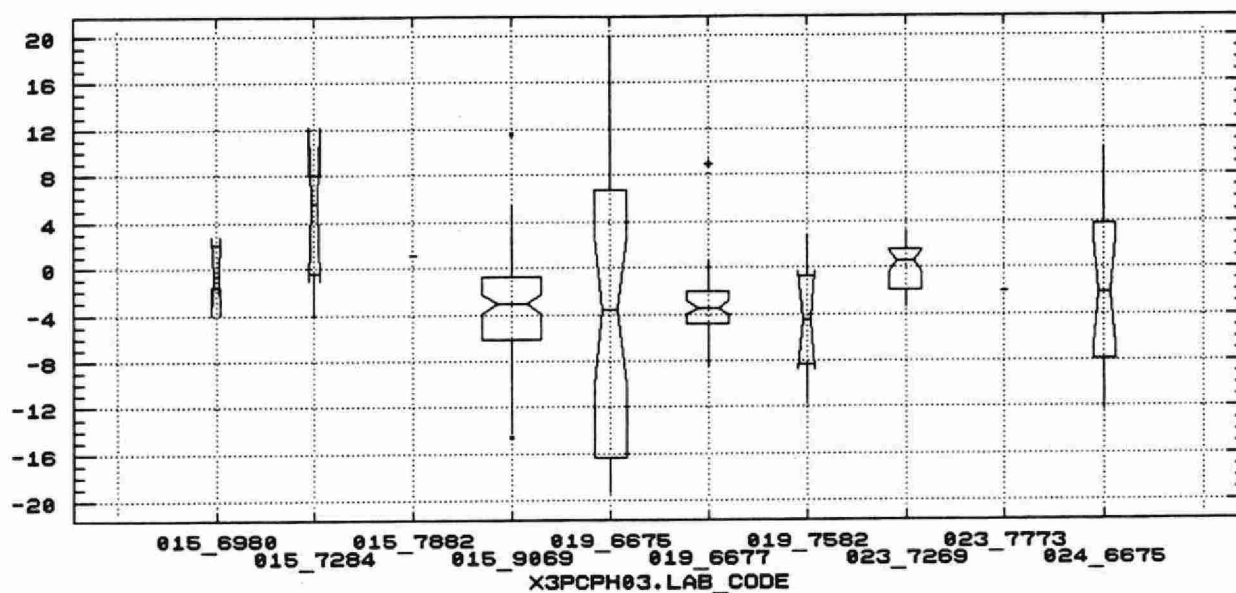
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X3PCPH02.DIFF



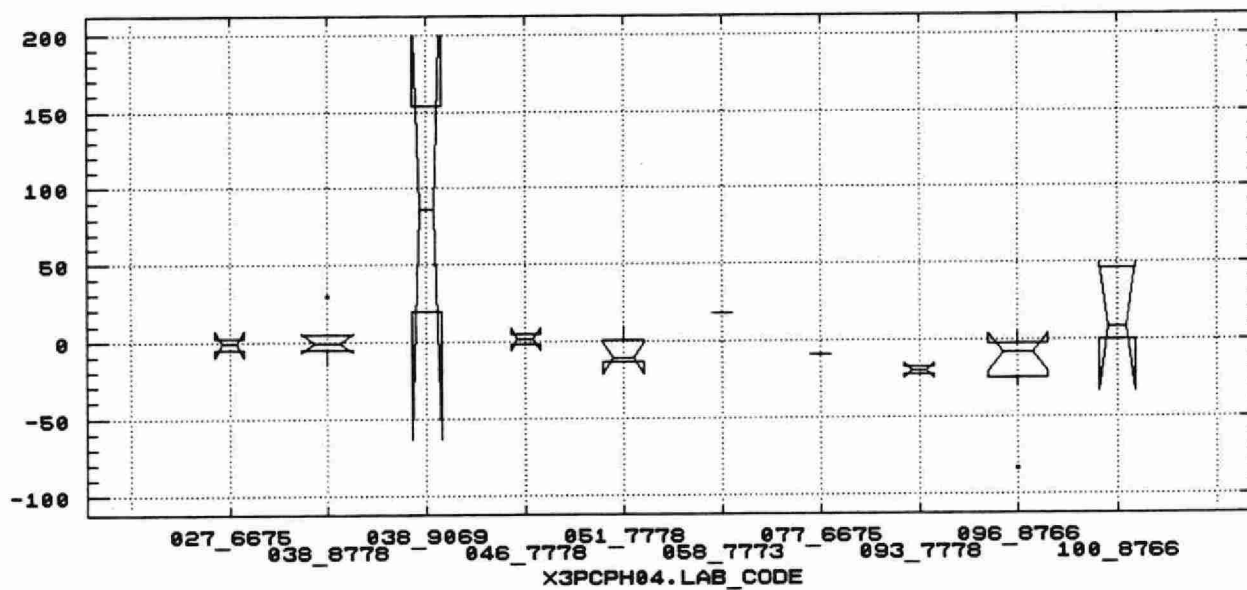
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X3PCPH03.DIFF



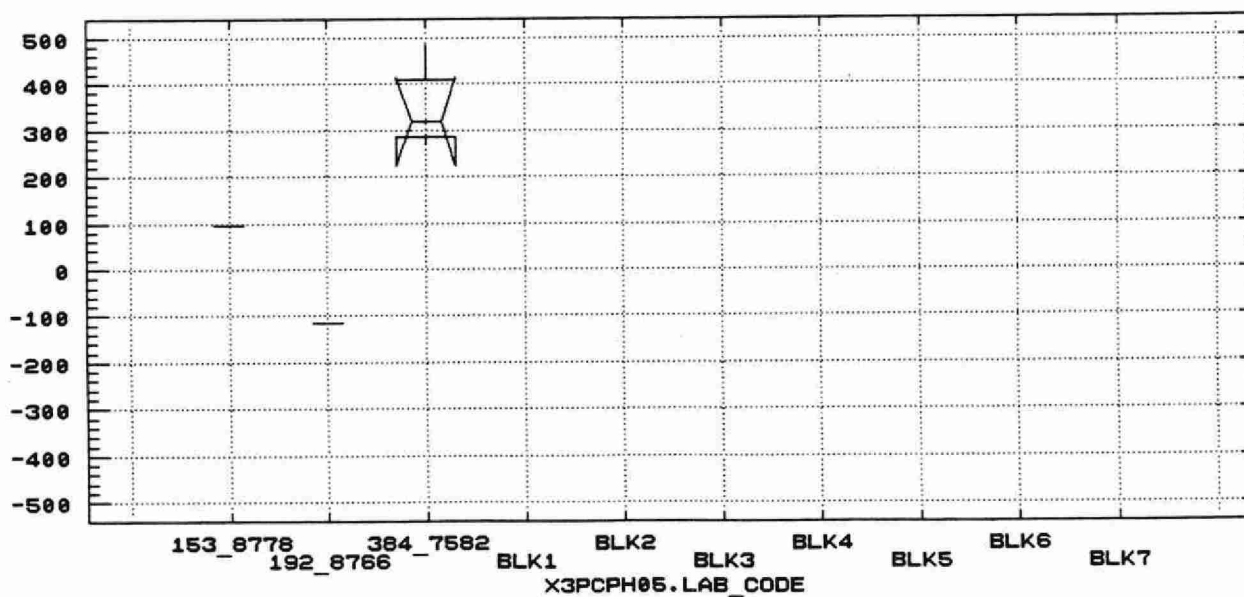
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X3PCPH04.DIFF



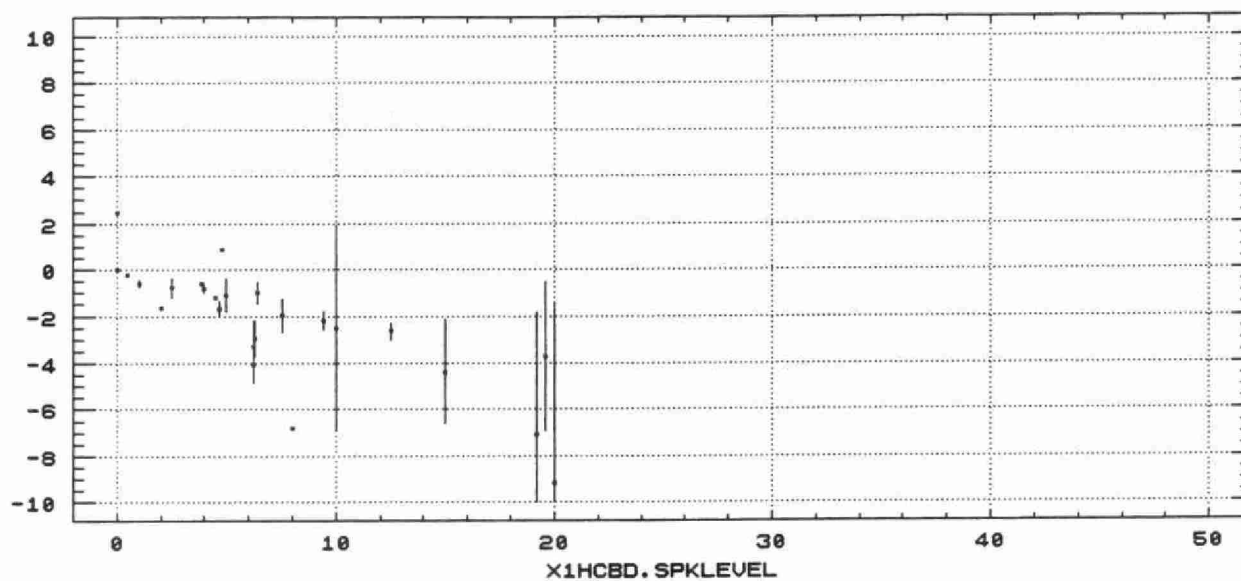
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X3PCPH05.DIFF



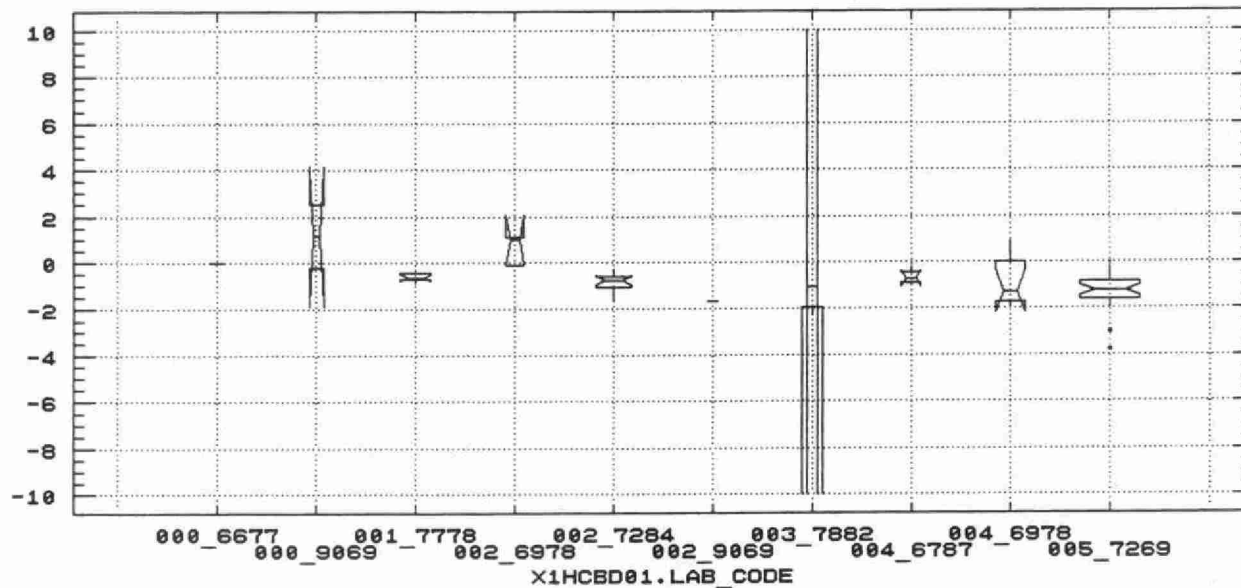
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X1HCB01.AVG



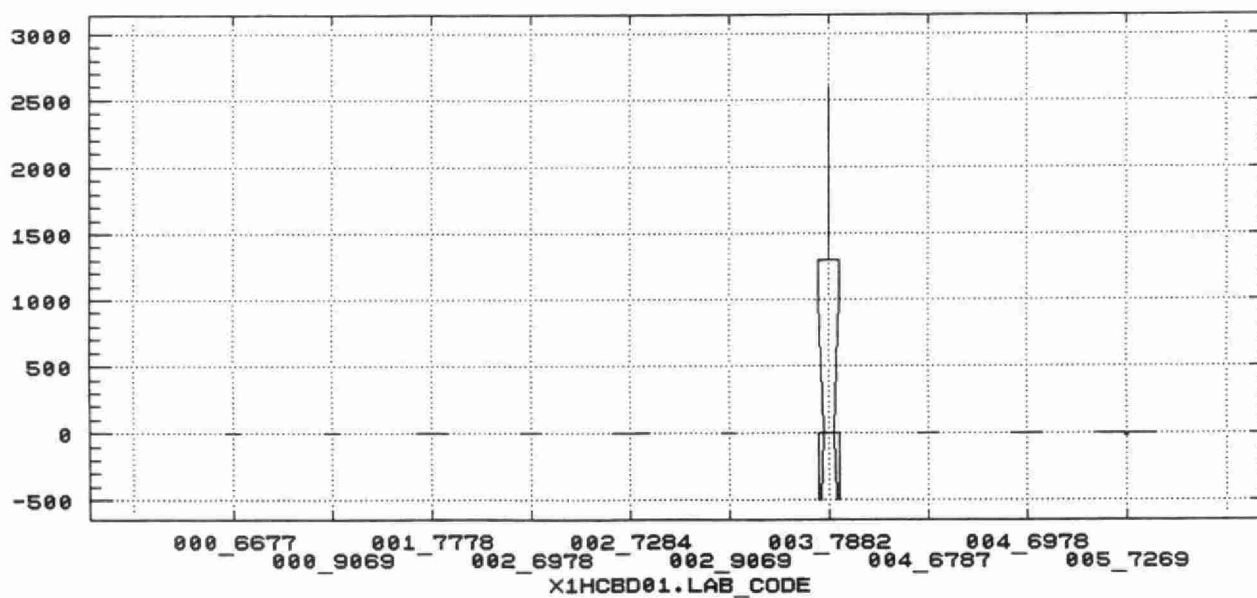
TRAVELLING SPIKED BLANKS

X1HCB01.DIFF



TRAVELLING SPIKED BLANKS

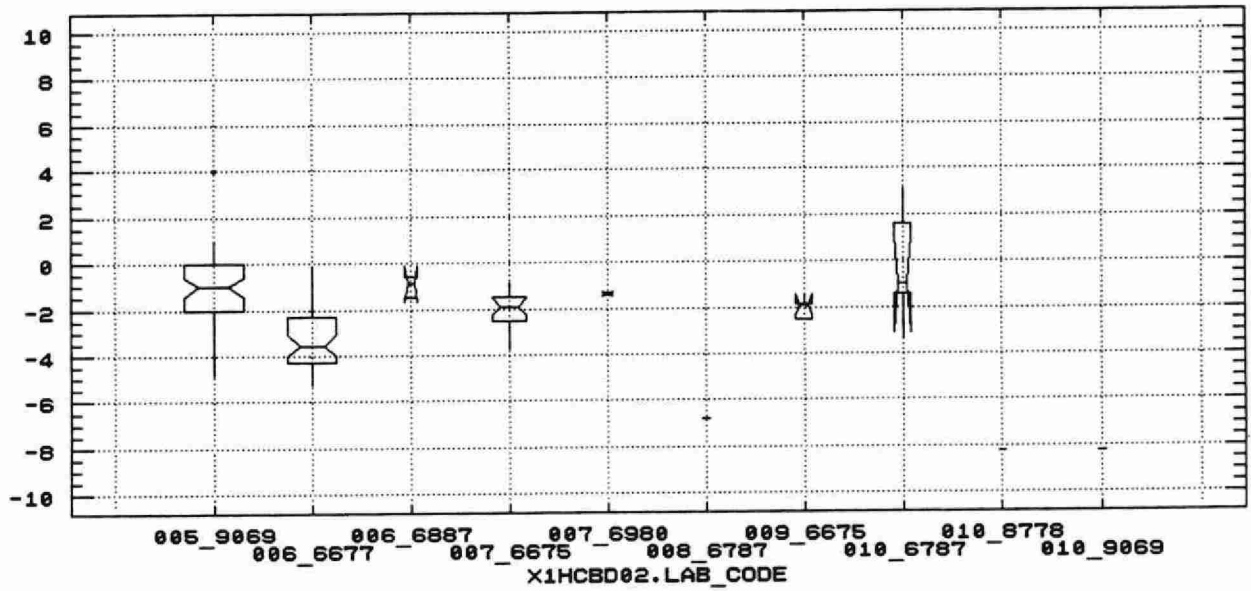
X1HCB01.DIFF



TRAVELLING SPIKED BLANKS

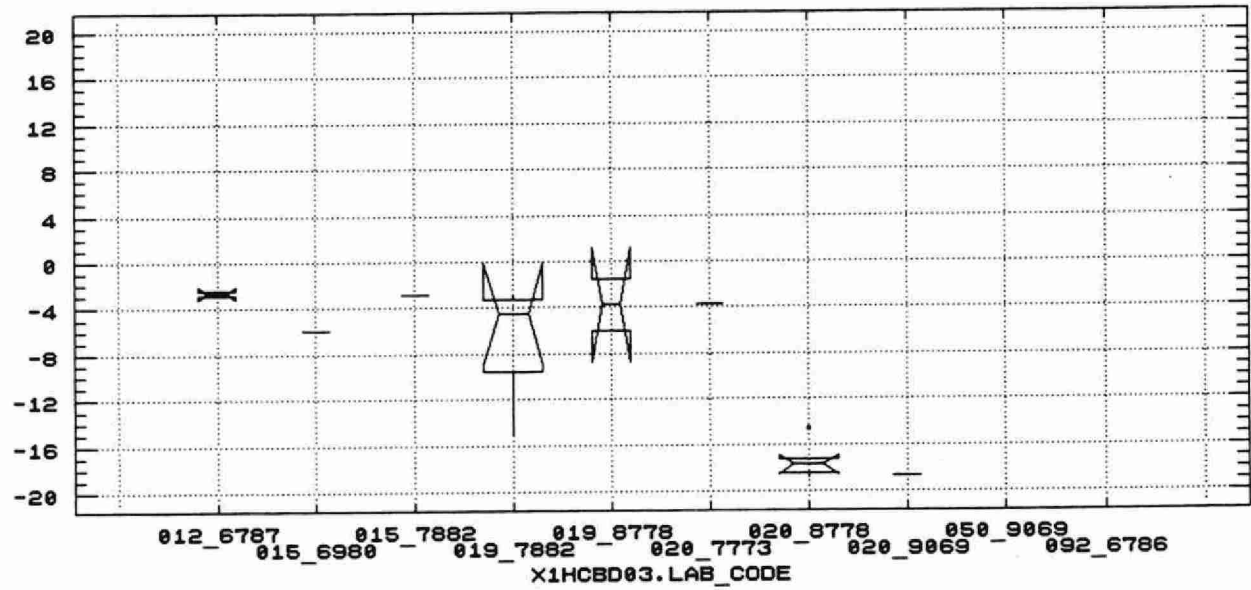
516

X1HCB002.DIFF



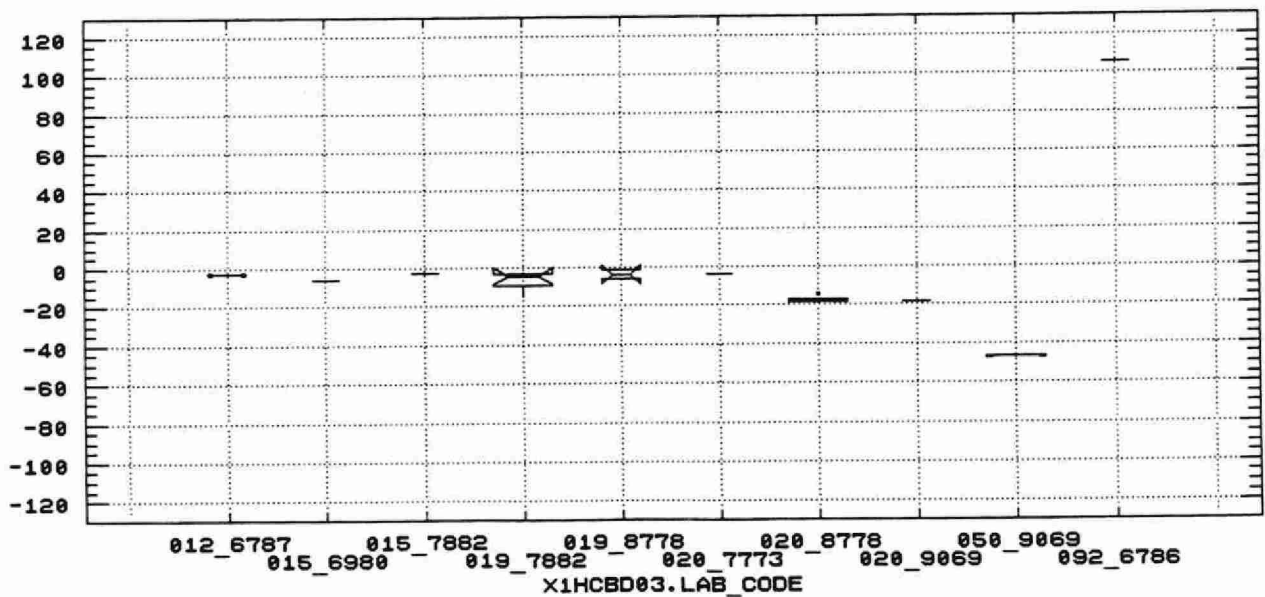
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X1HCB003.DIFF



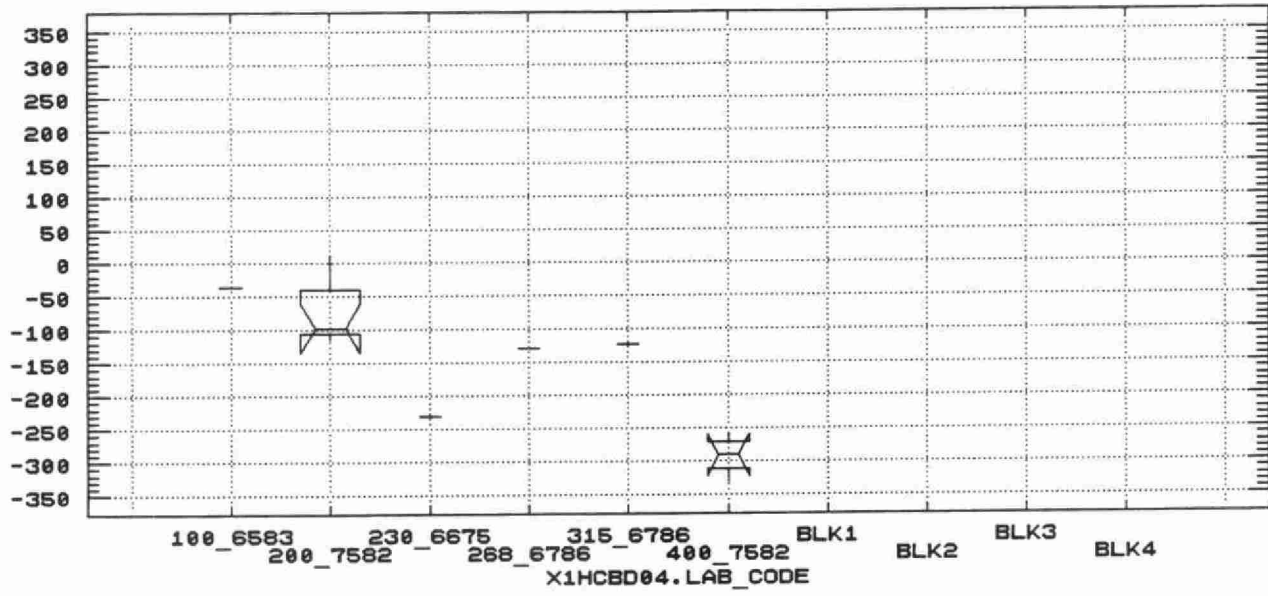
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X1HCB003.DIFF



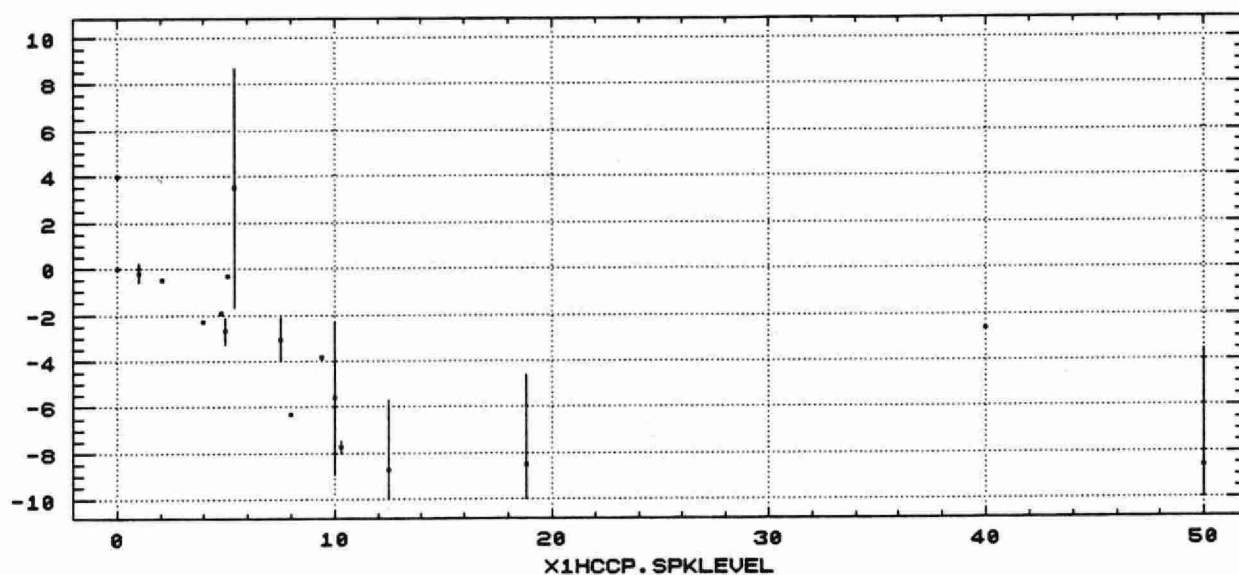
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X1HCB004.DIFF



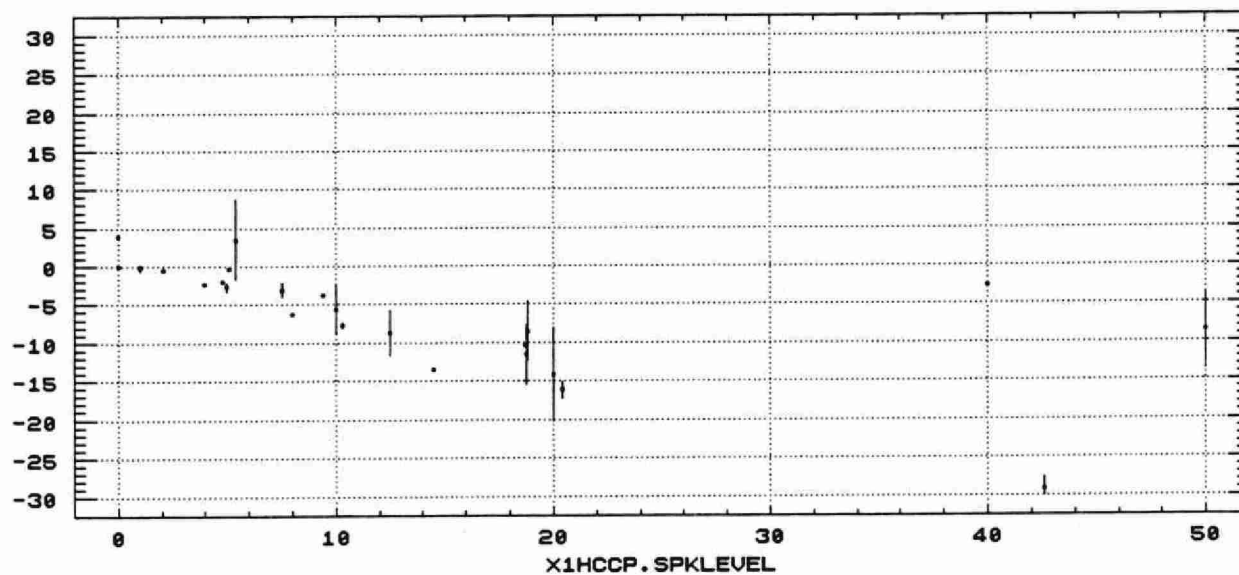
TRAVELLING SPIKED BLANKS

X1HCCP.AVG



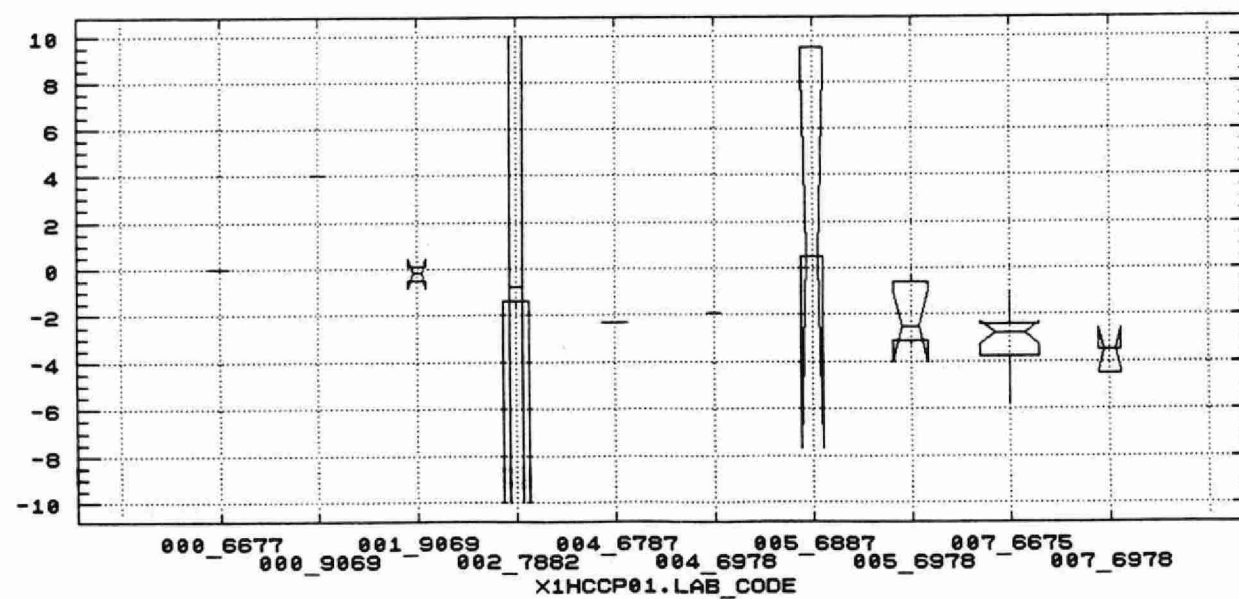
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X1HCCP.AVG



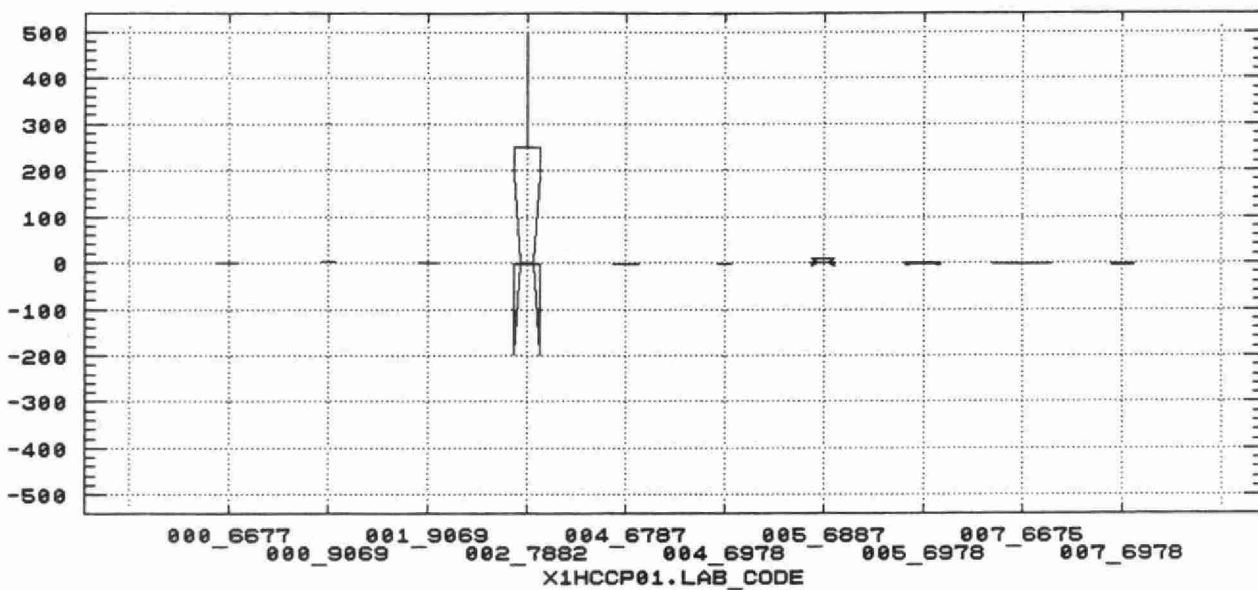
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X1HCCP01.DIFF



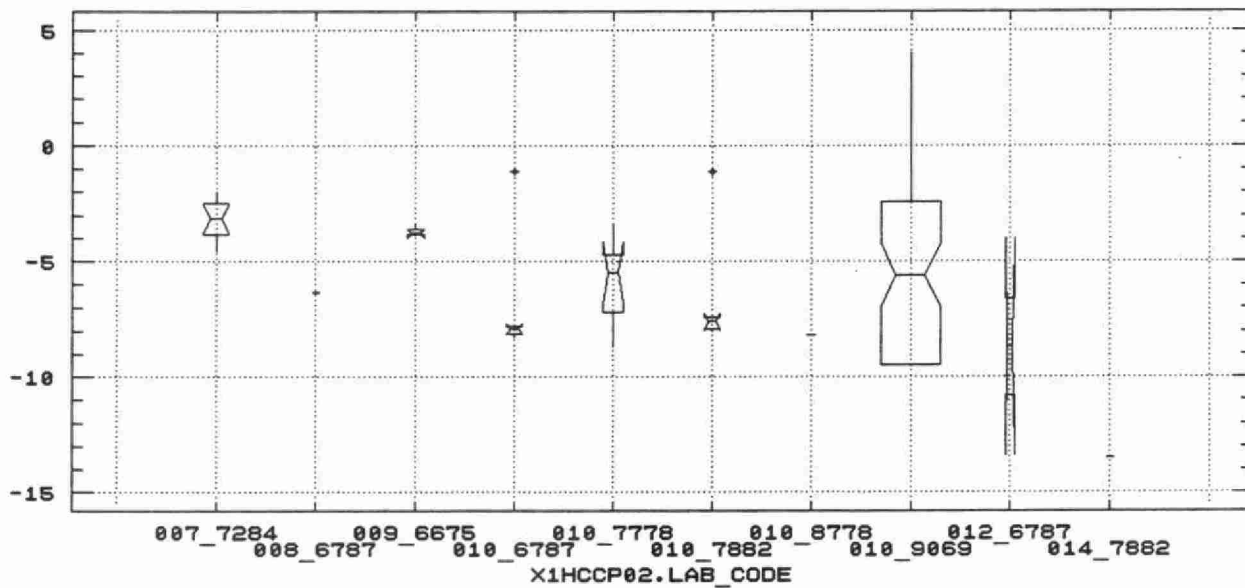
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X1HCCP01.DIFF



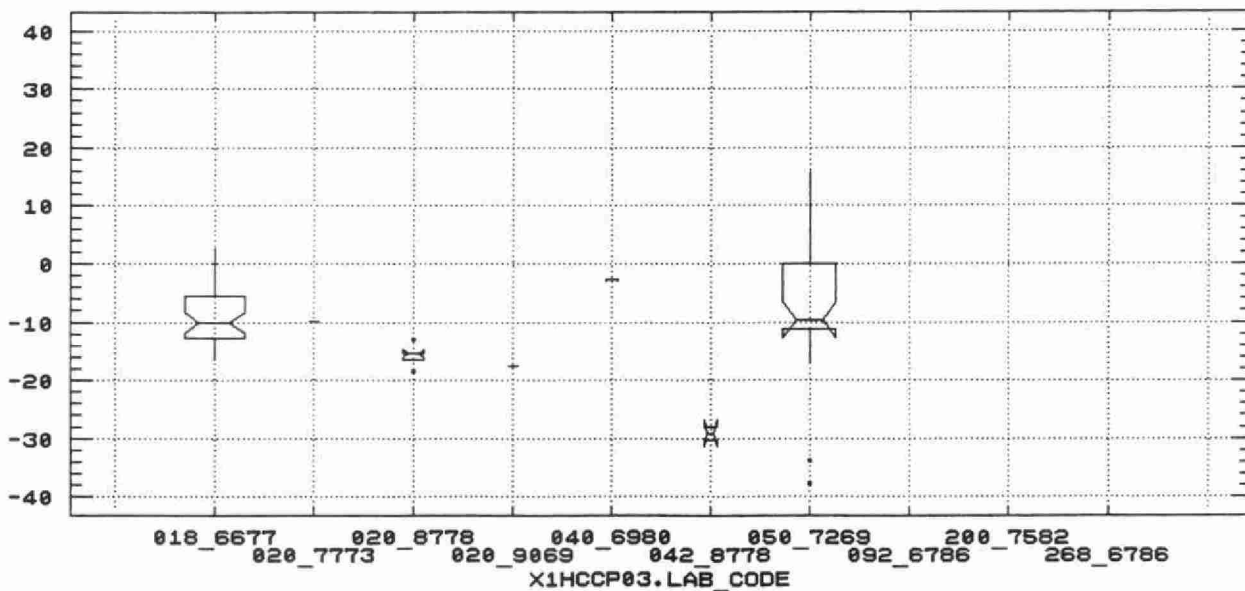
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X1HCCP02.DIFF



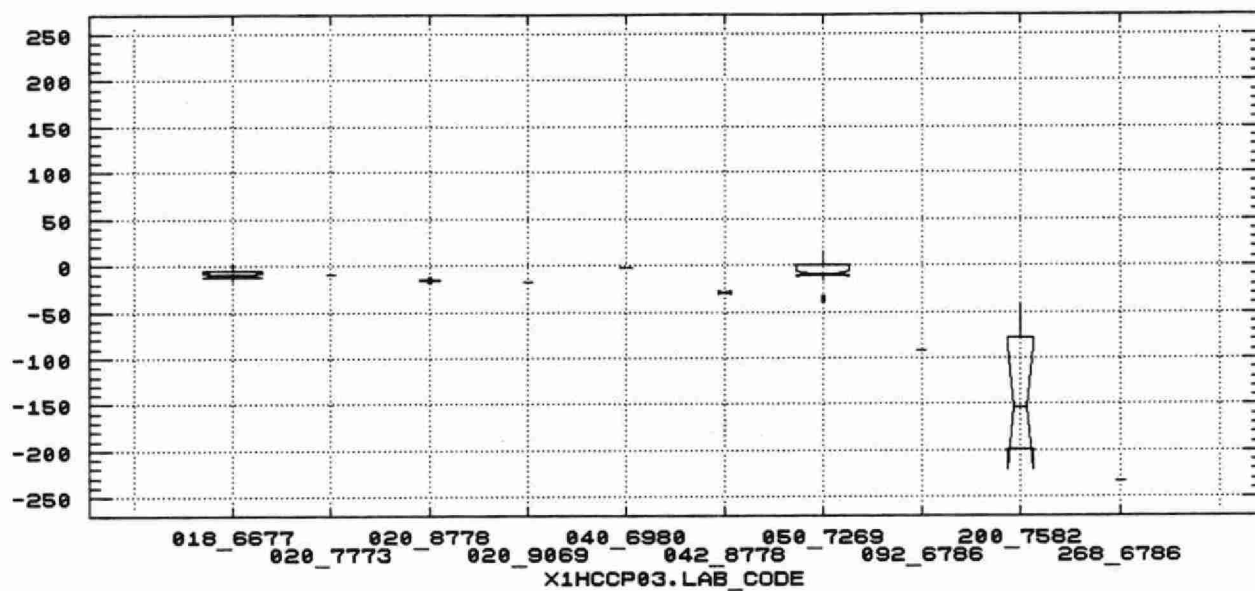
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X1HCCP03.DIFF



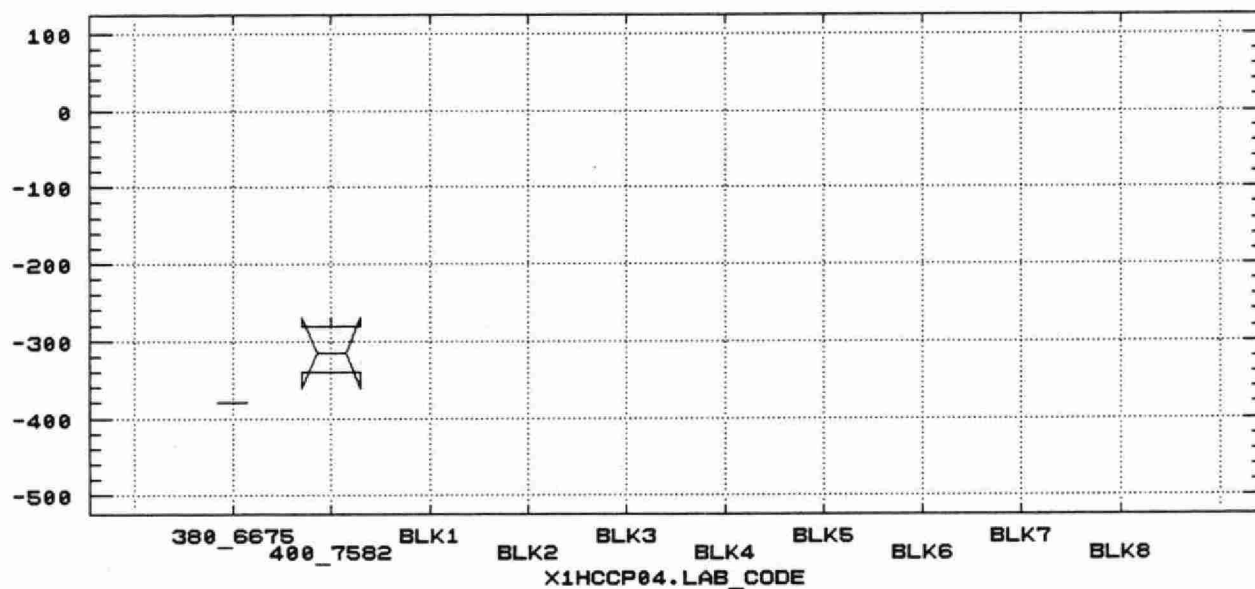
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X1HCCP03.DIFF



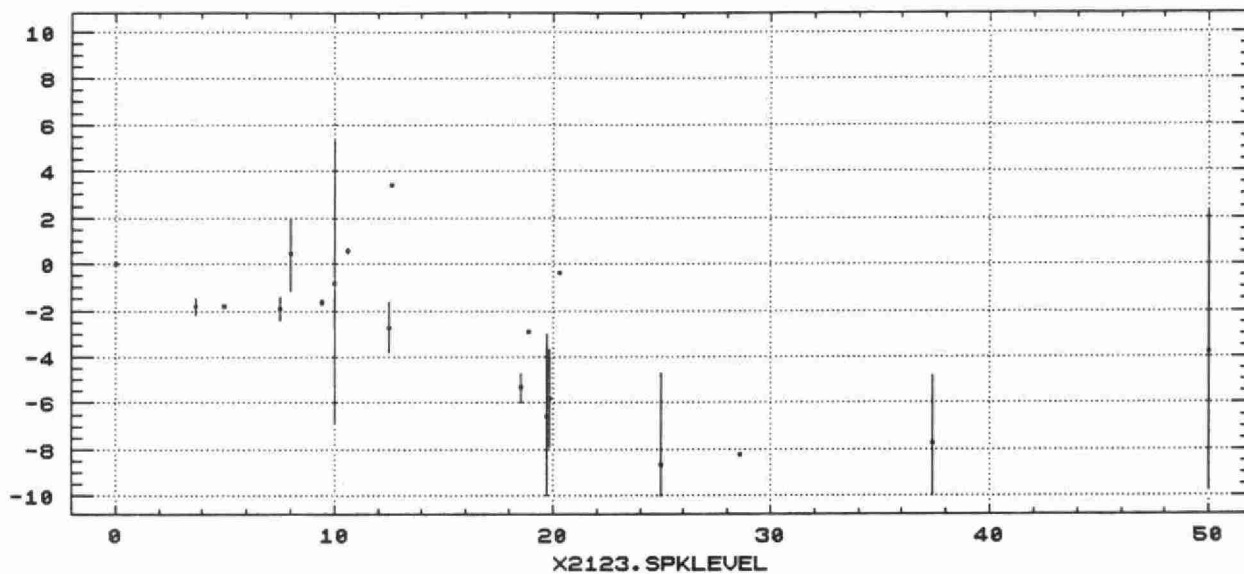
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X1HCCP04.DIFF



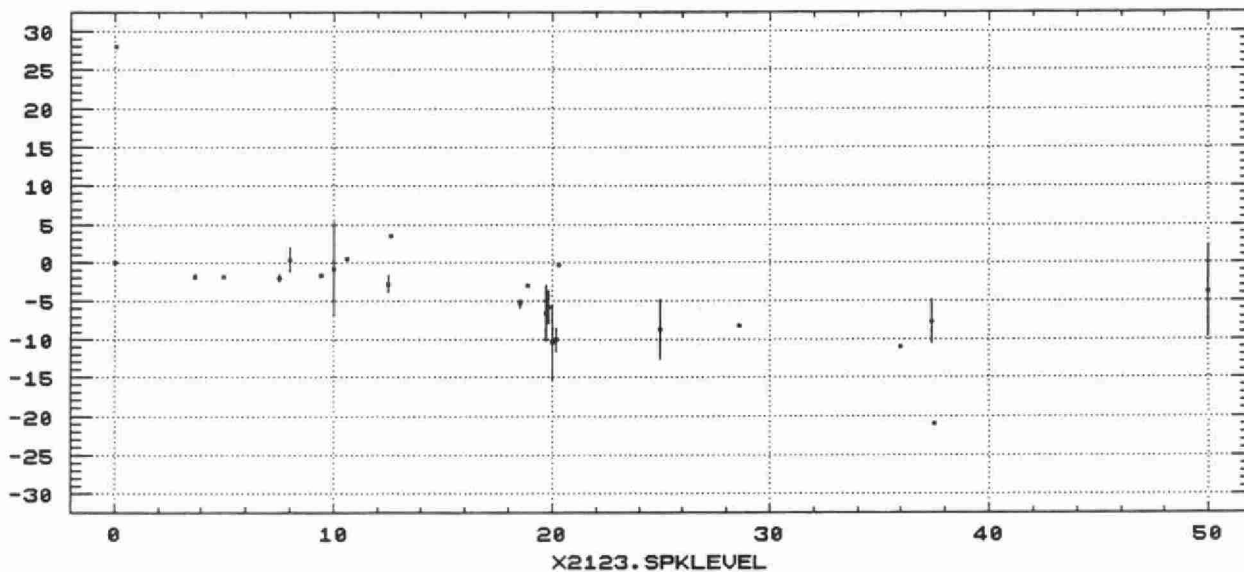
TRAVELLING SPIKED BLANKS

X2123.AVG



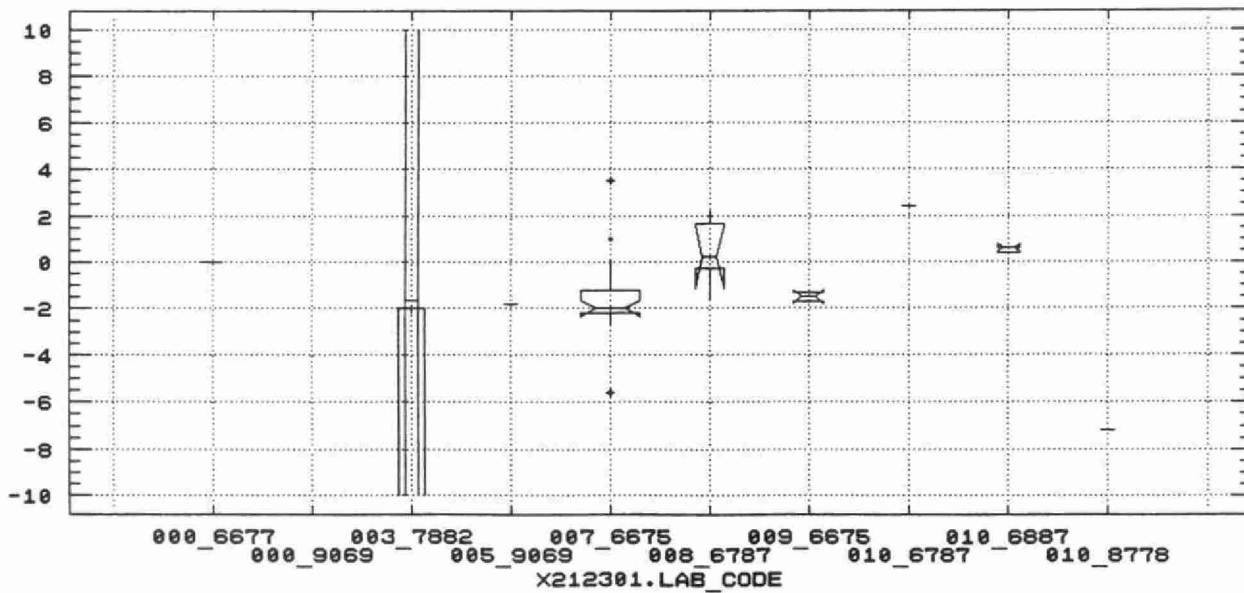
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X2123.AVG



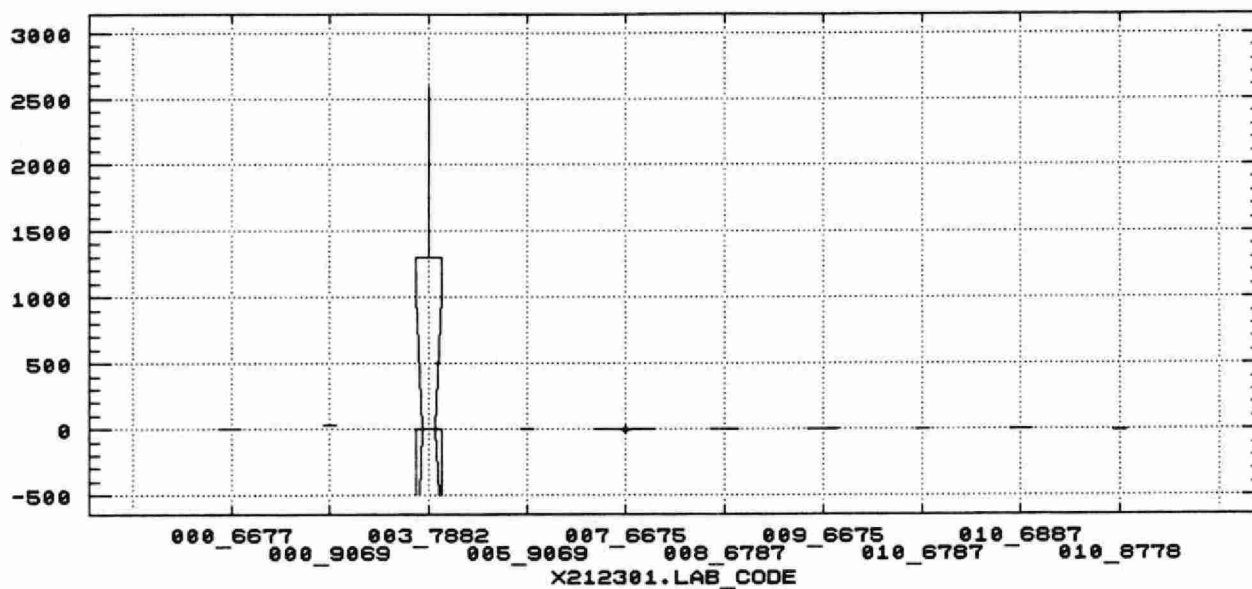
TRAVELLING SPIKED BLANKS

X212301.DIFF



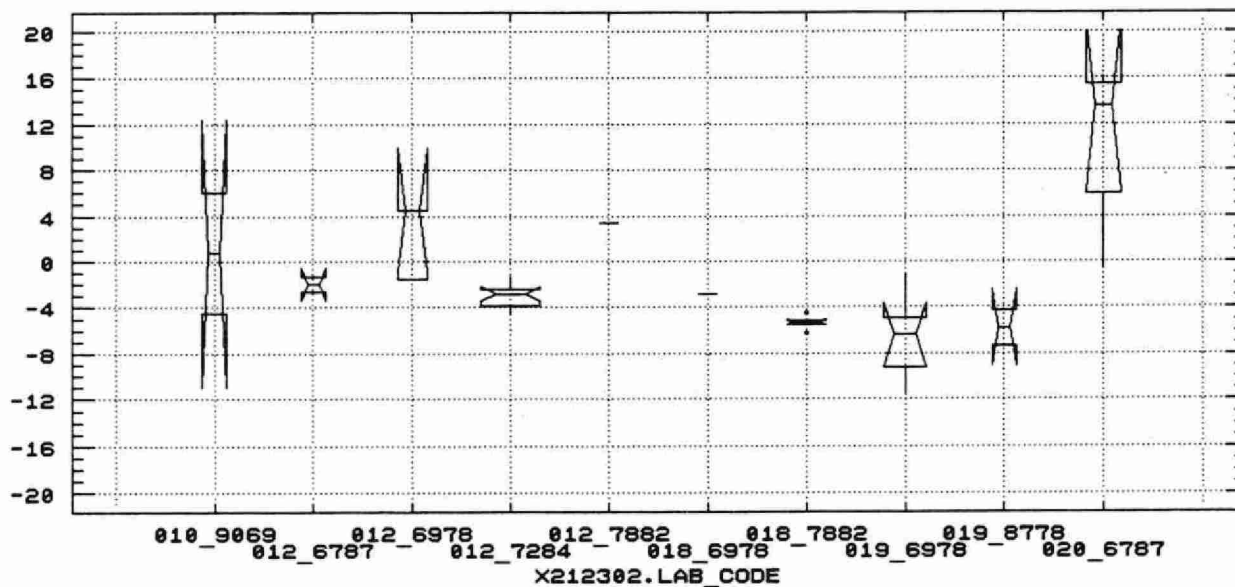
TRAVELLING SPIKED BLANKS

X212301.DIFF



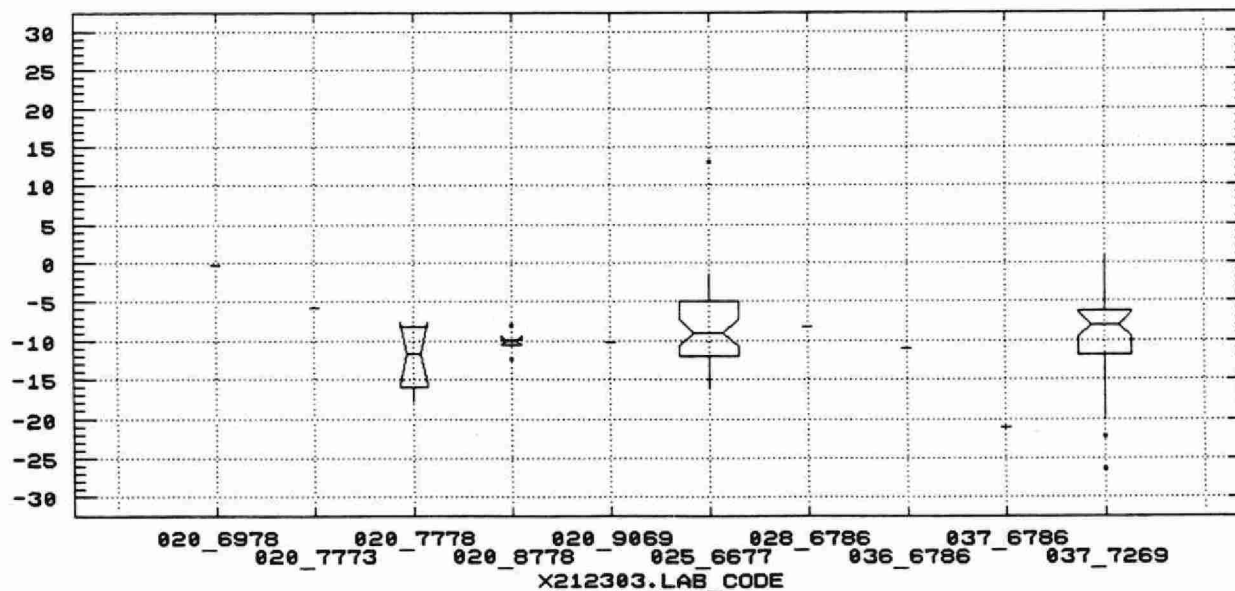
TRAVELLING SPIKED BLANKS

X212302.DIFF



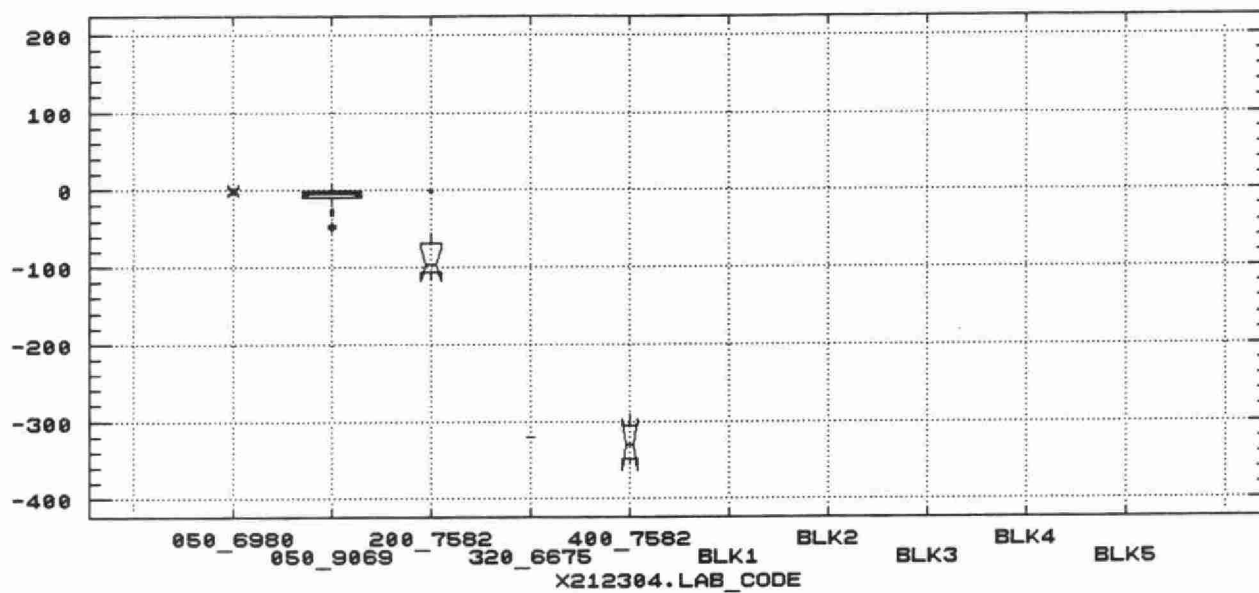
TRAVELLING SPIKED BLANKS

X212303.DIFF

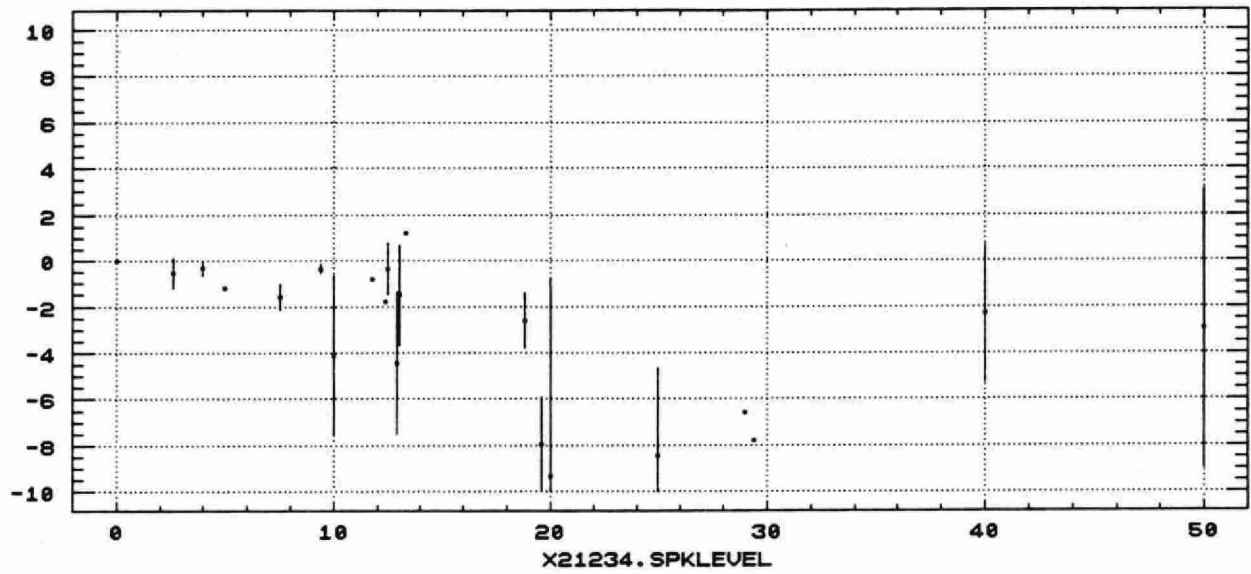


TRAVELLING SPIKED BLANKS

X212304.DIFF

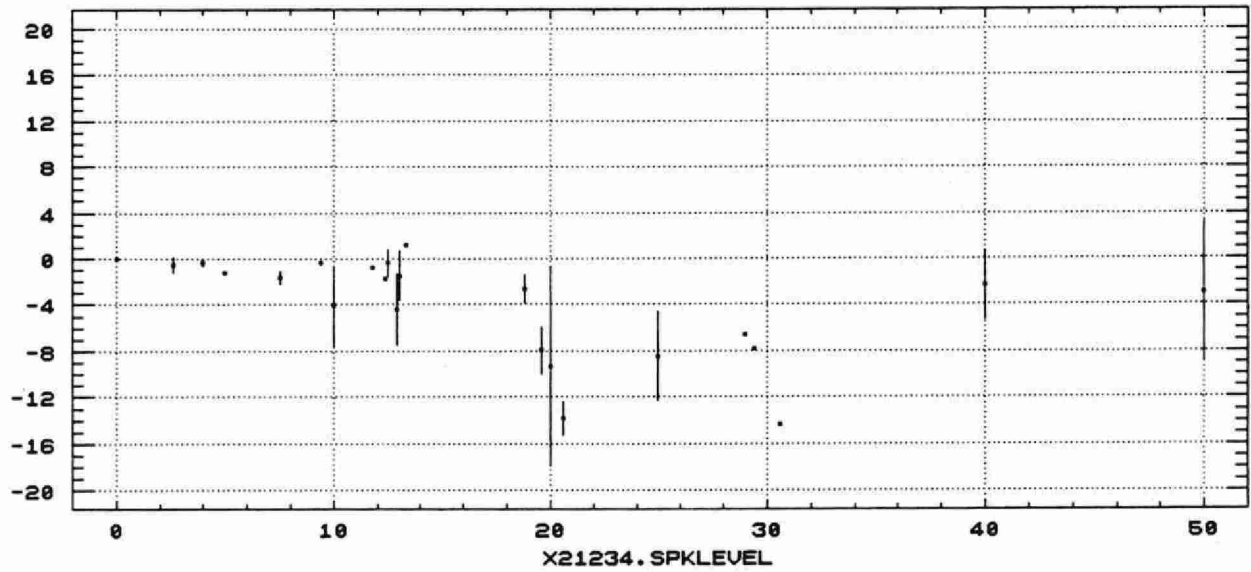


X21234.AUG



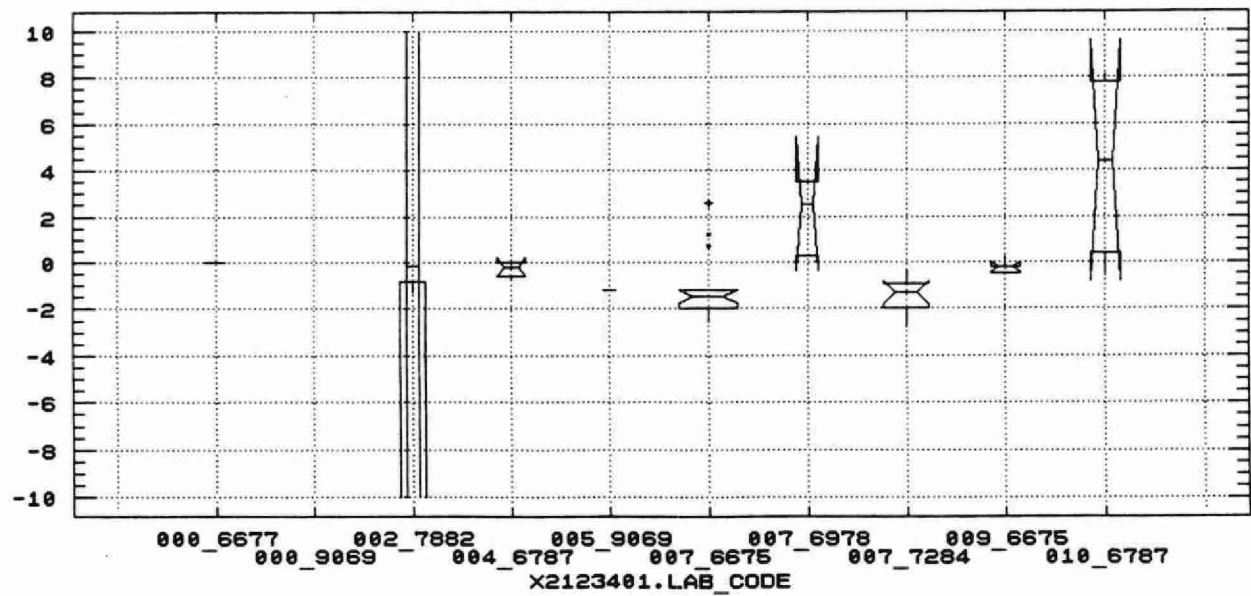
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X21234.AUG



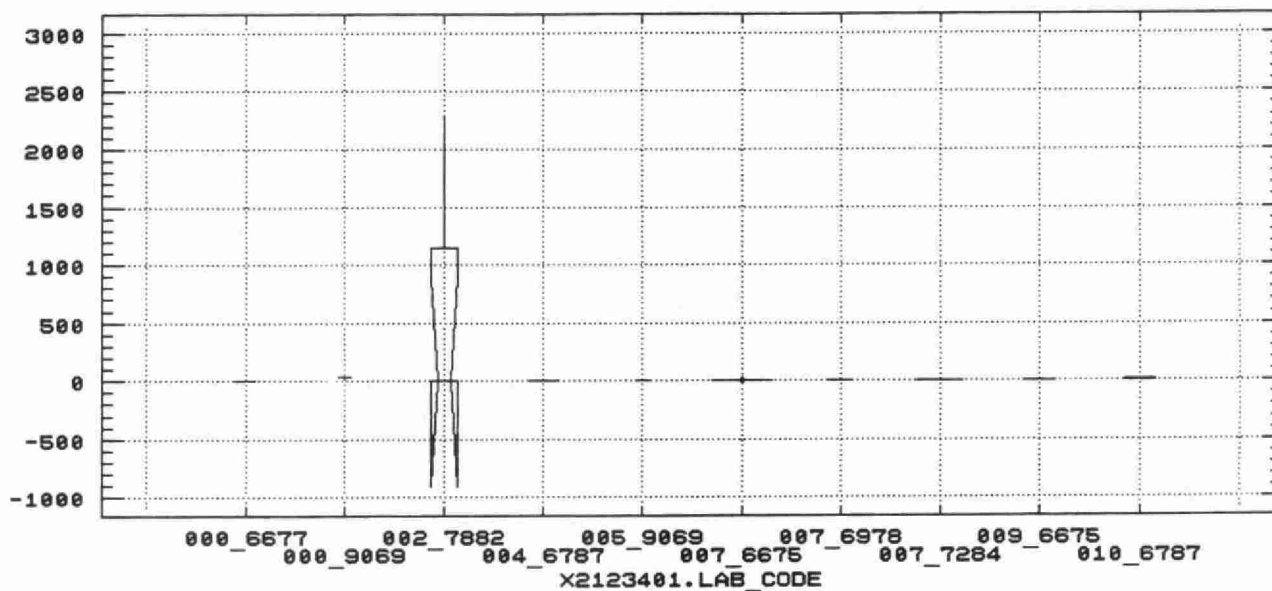
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X2123401.DIFF



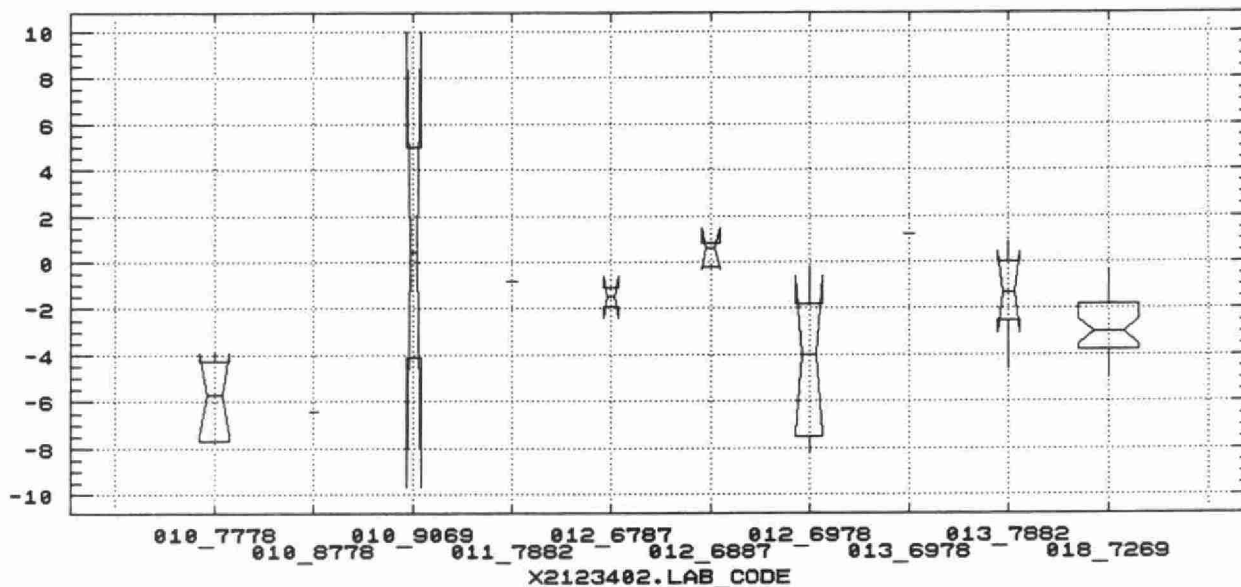
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X2123401.DIFF



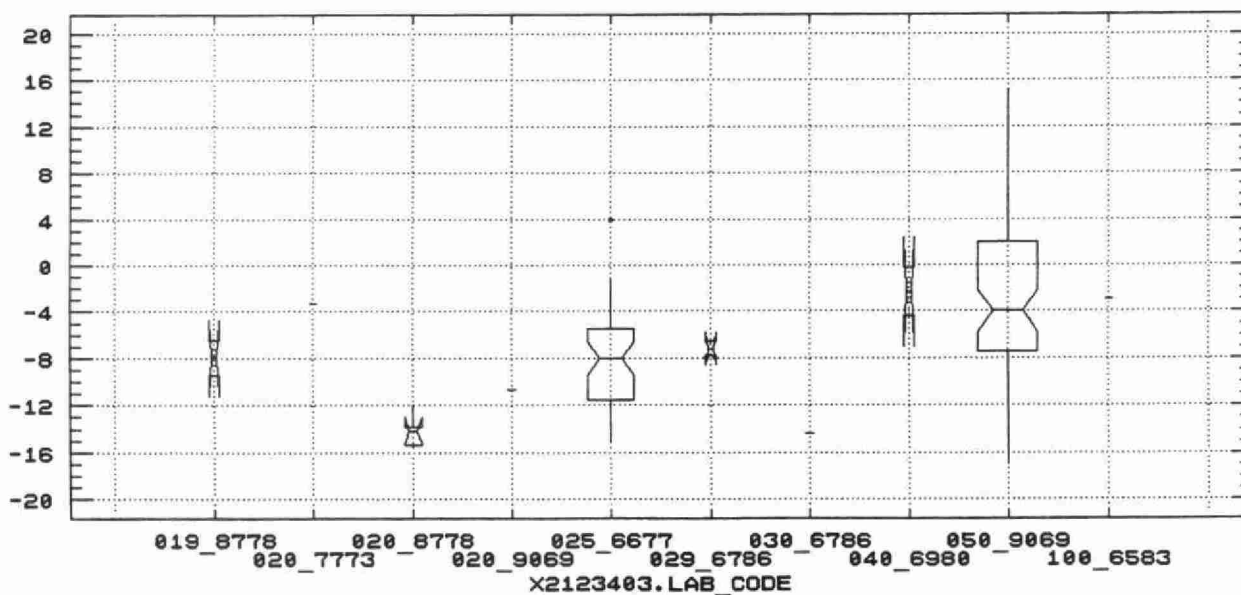
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X2123402.DIFF

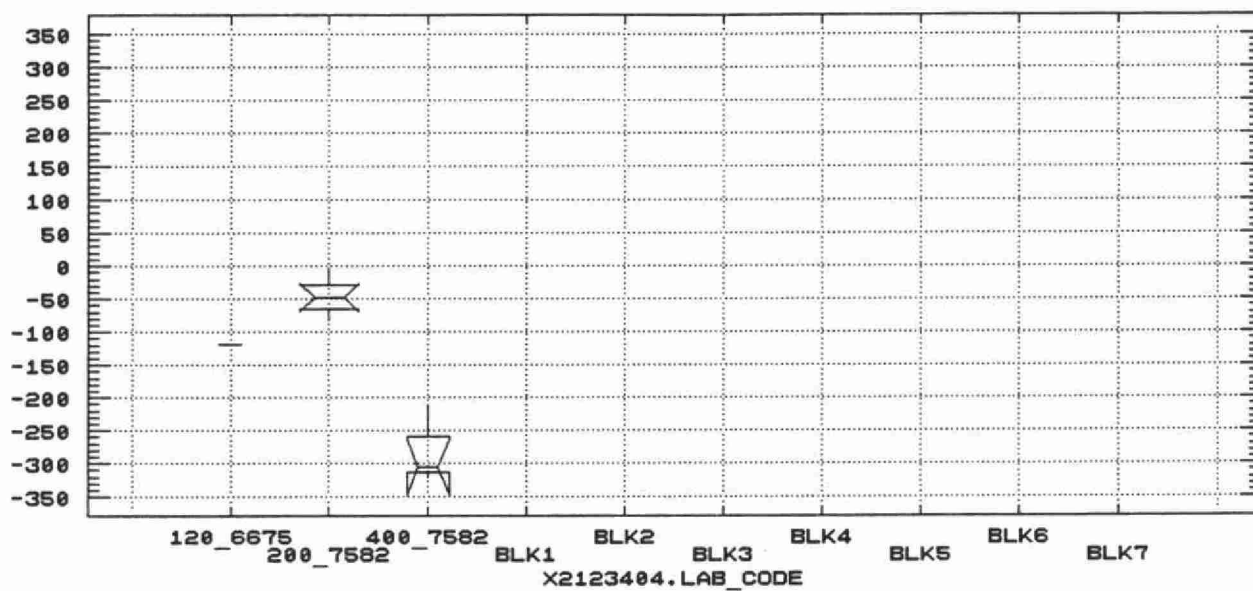


TRAVELLING SPIKED BLANKS

X2123403.DIFF

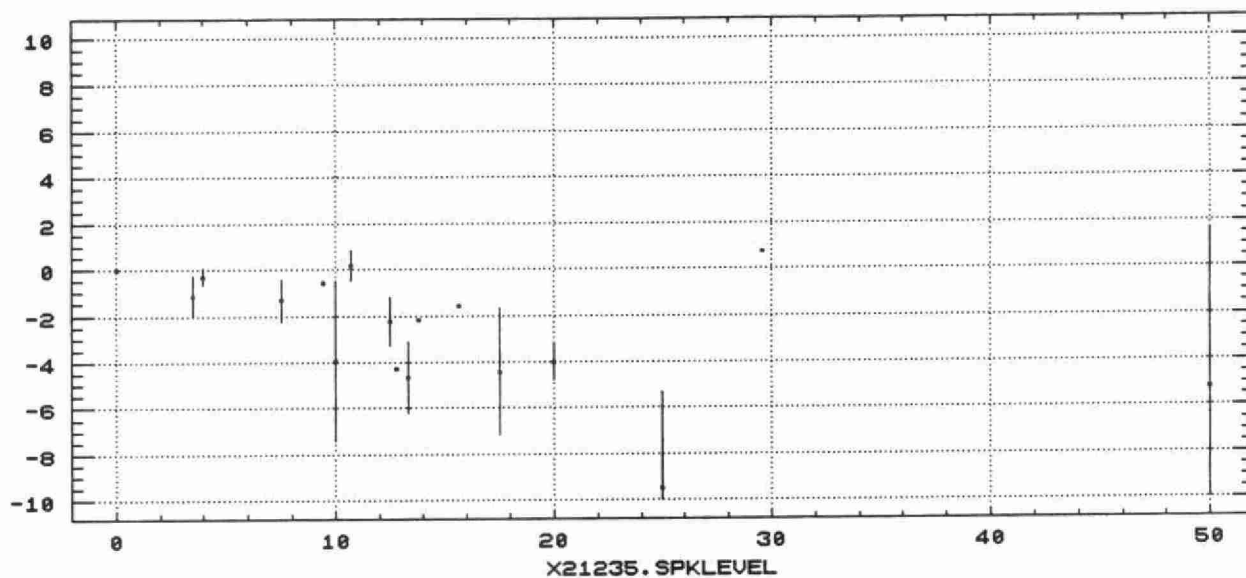


X2123404.DIFF



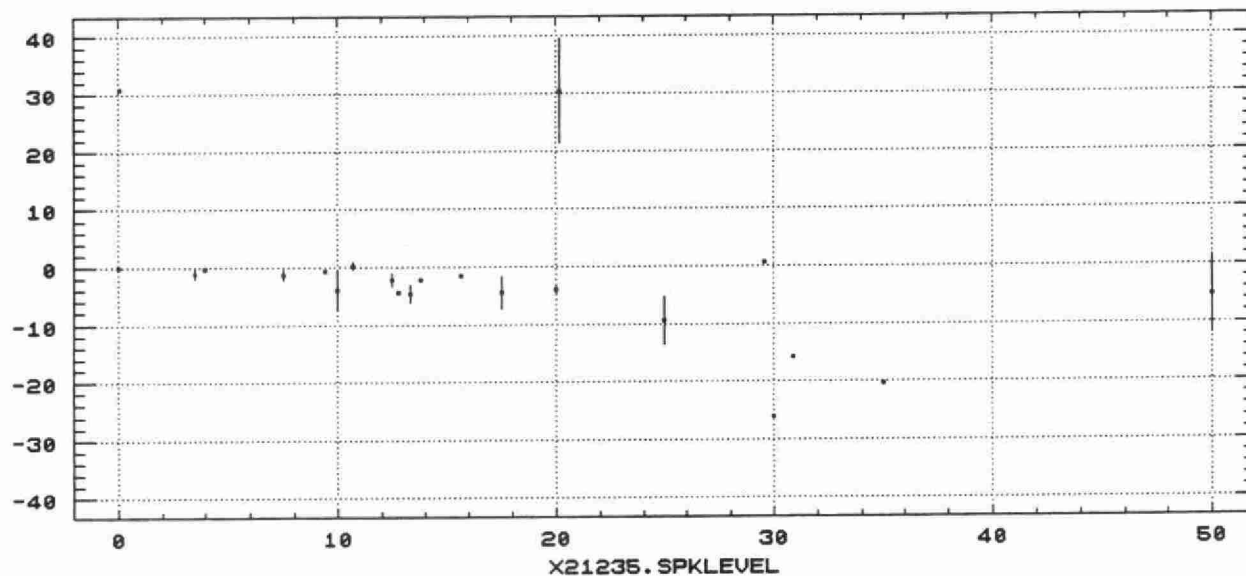
TRAVELLING SPIKED BLANKS

X21235.AVG



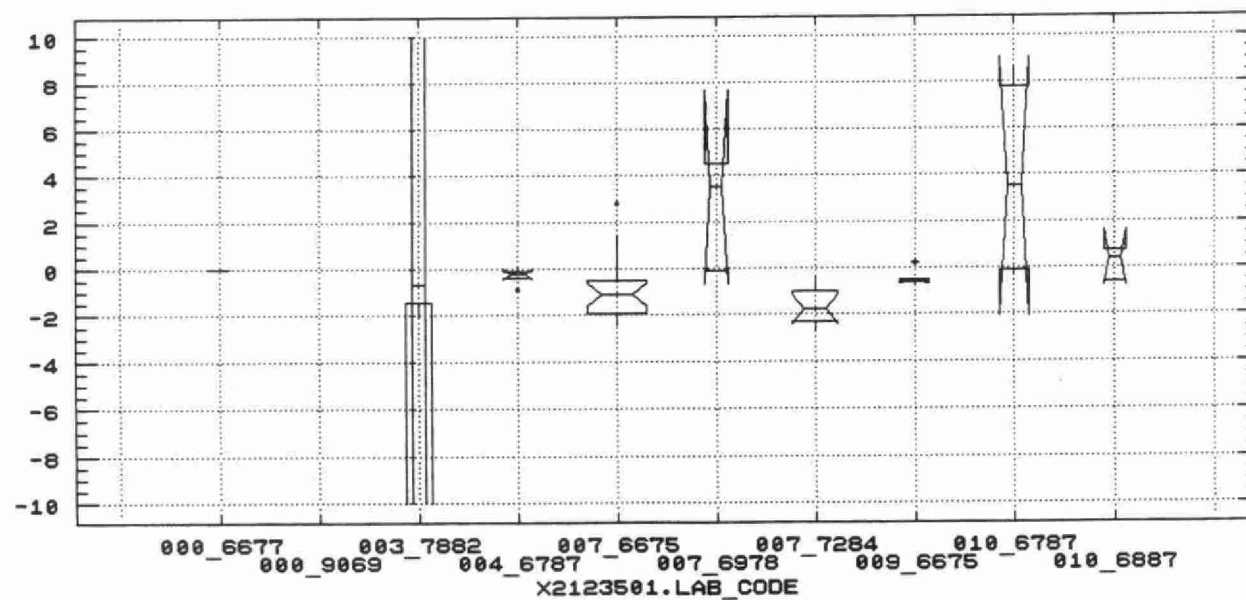
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X21235.AVG



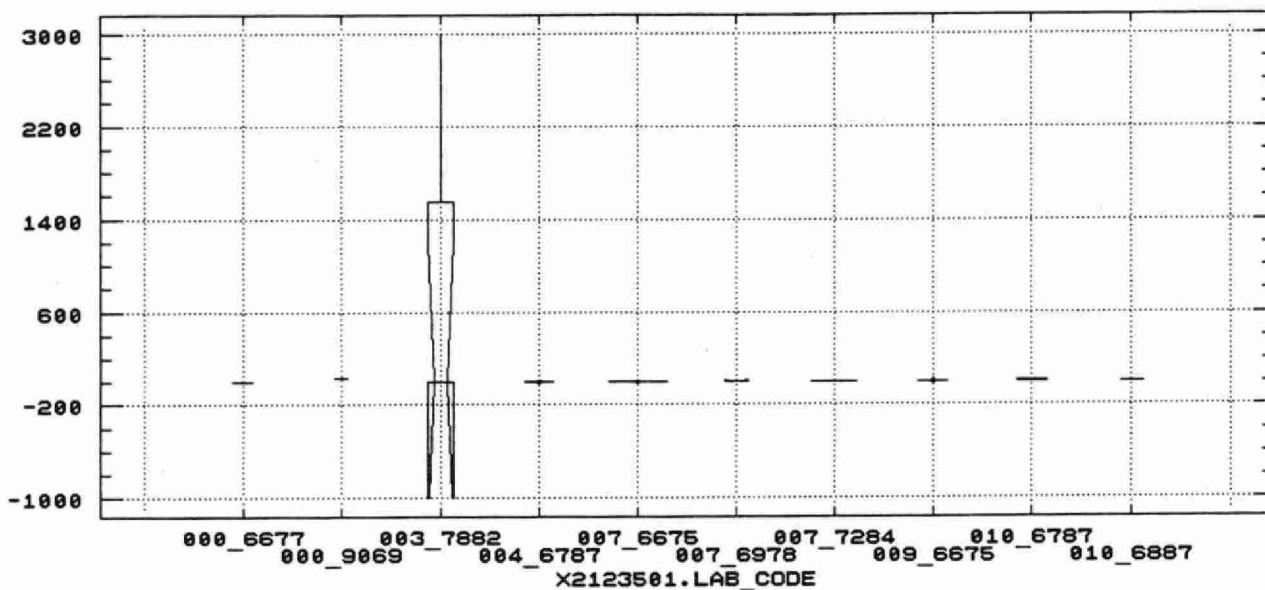
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X2123501.DIFF



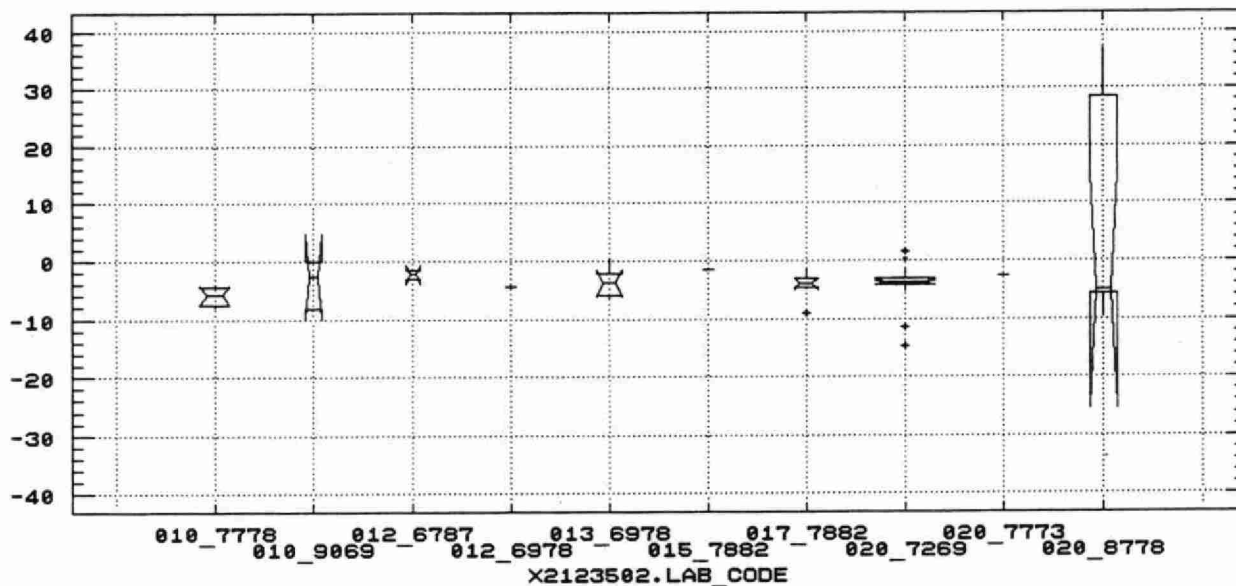
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X2123501.DIFF



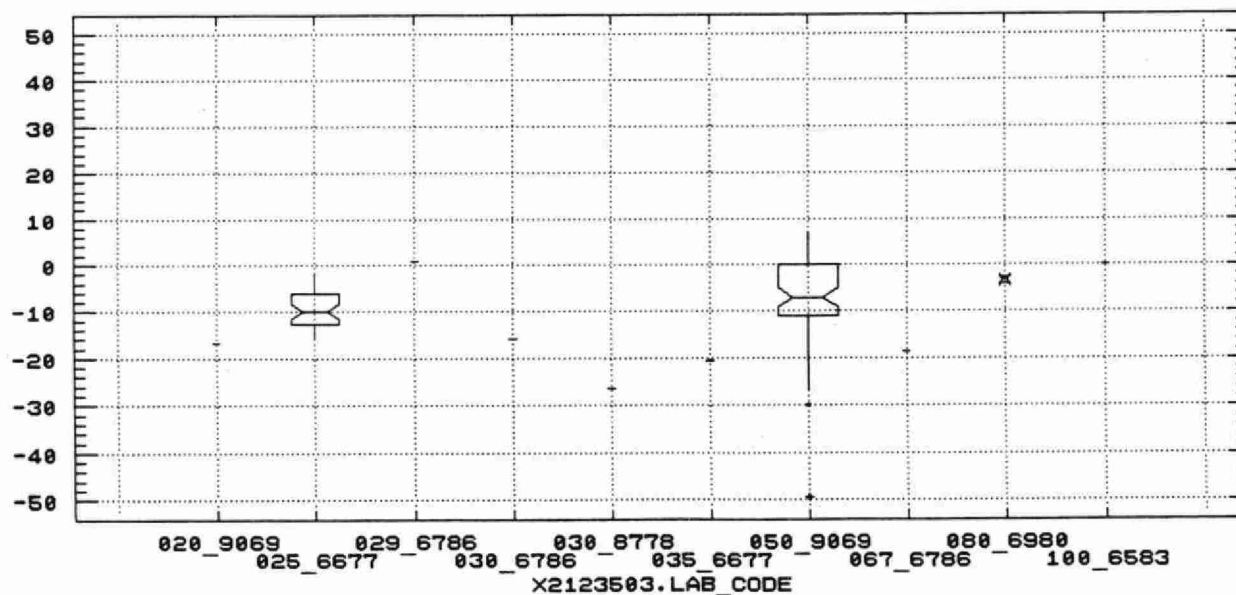
TRAVELLING SPIKED BLANKS

X2123502.DIFF



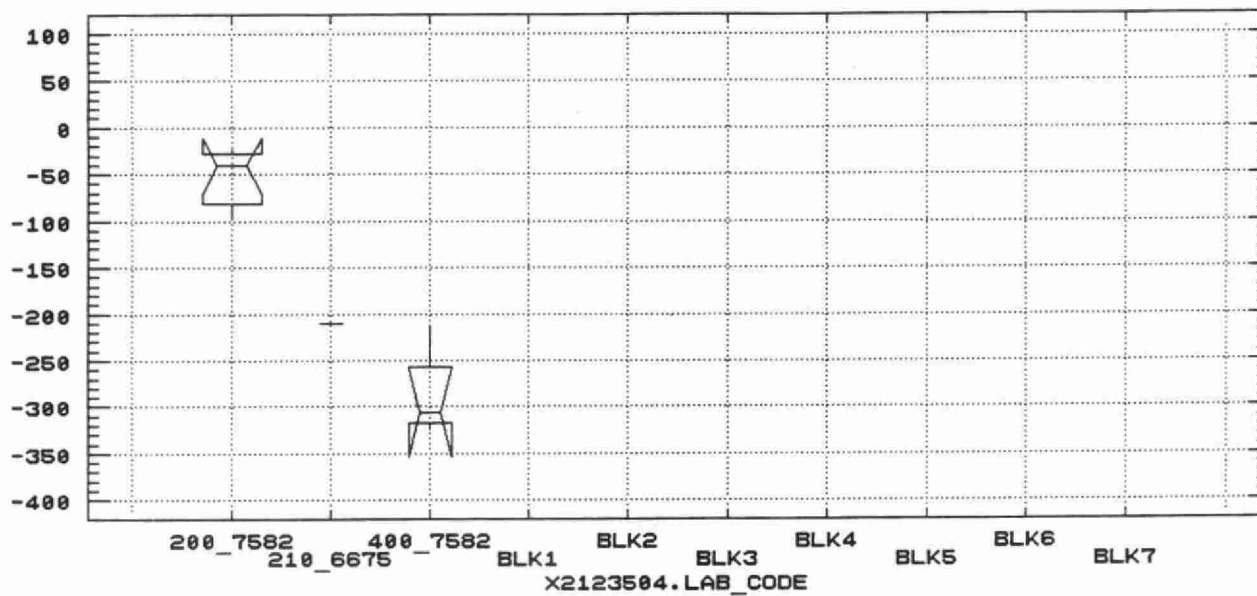
TRAVELLING SPIKED BLANKS

X2123503.DIFF



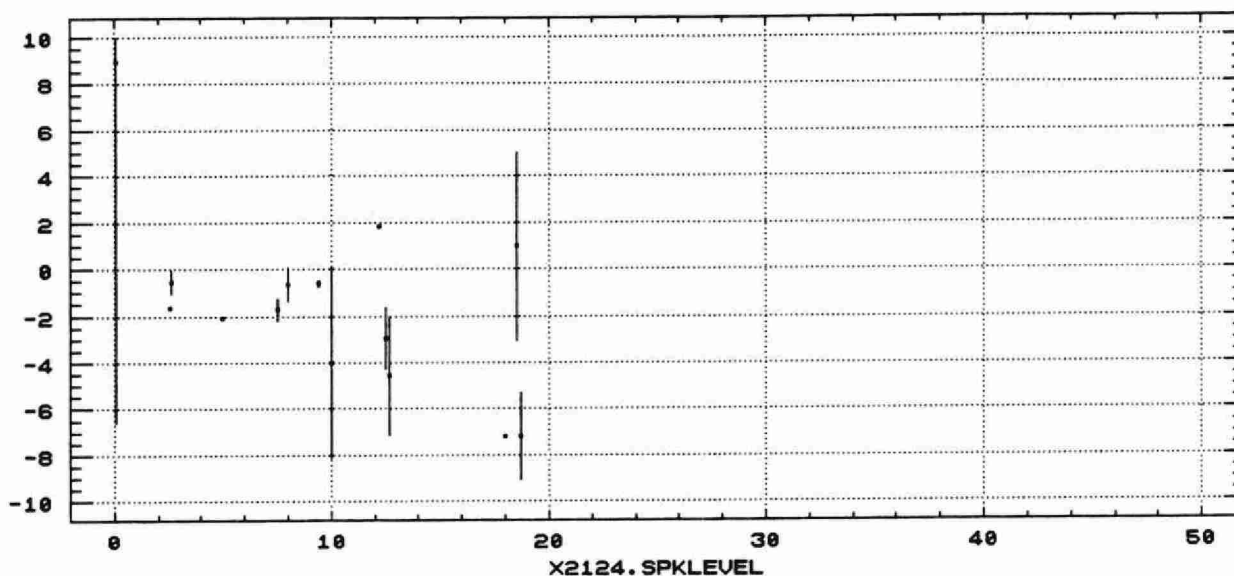
TRAVELLING SPIKED BLANKS

X2123504.DIFF



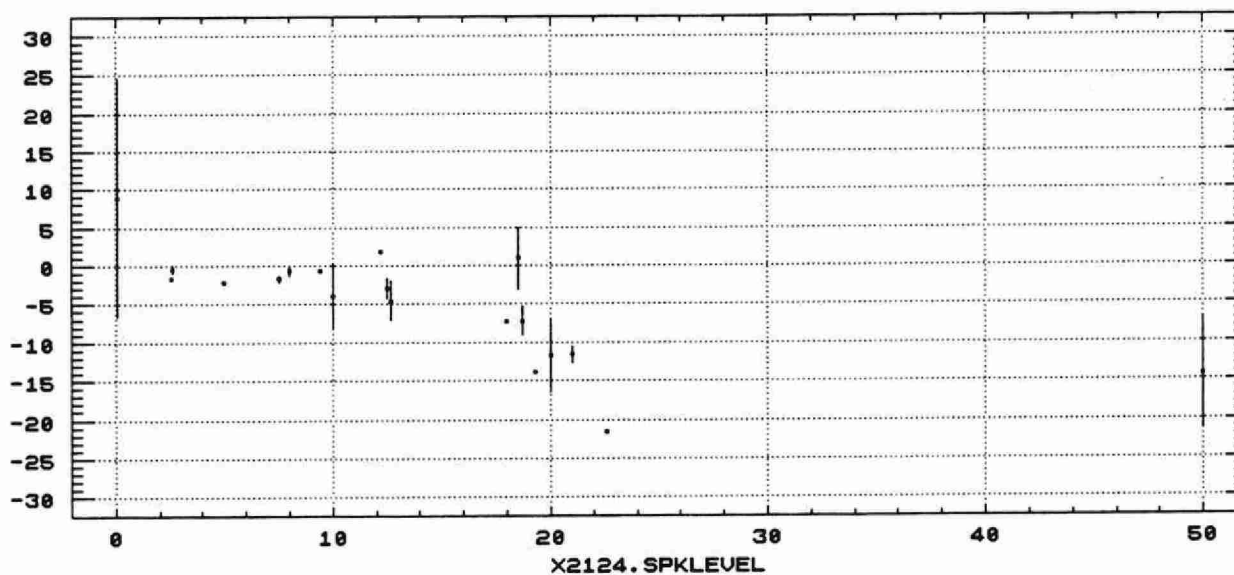
TRAVELLING SPIKED BLANKS

X2124.AVG



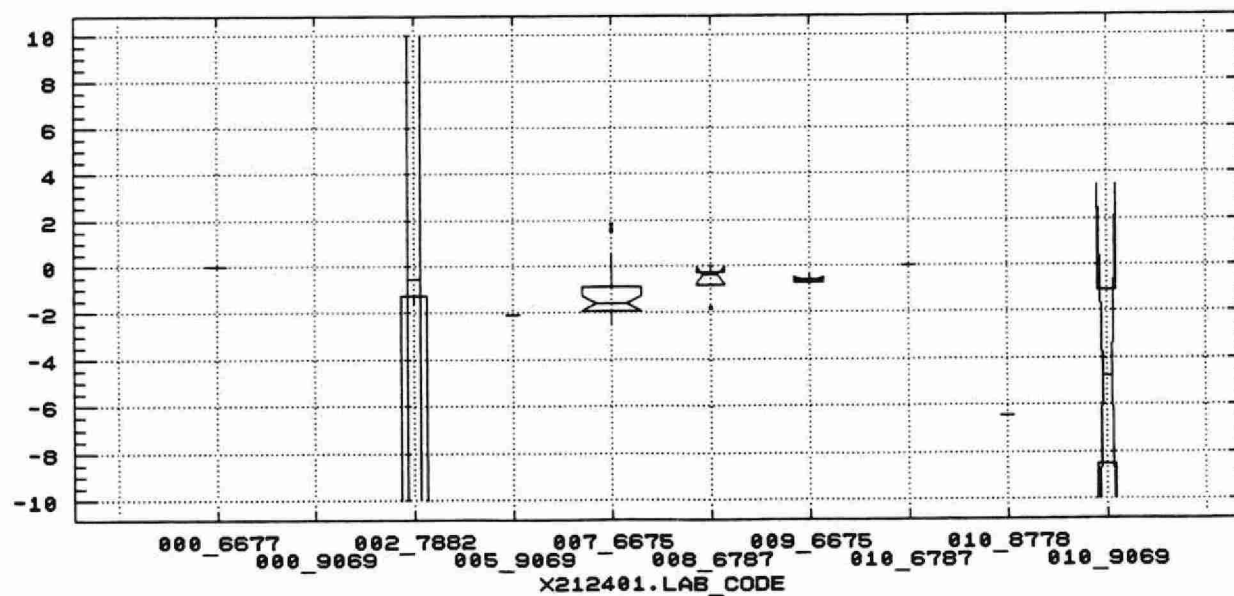
TRAVELLING SPIKED BLANKS

X2124.AVG



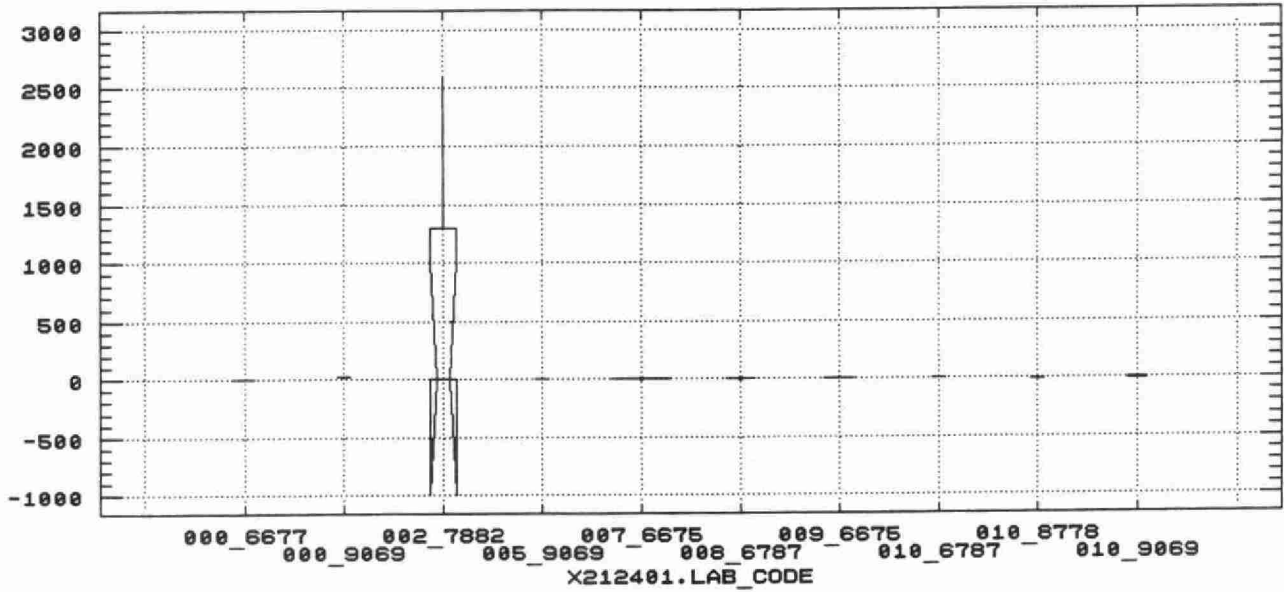
TRAVELLING SPIKED BLANKS

X212401.DIFF



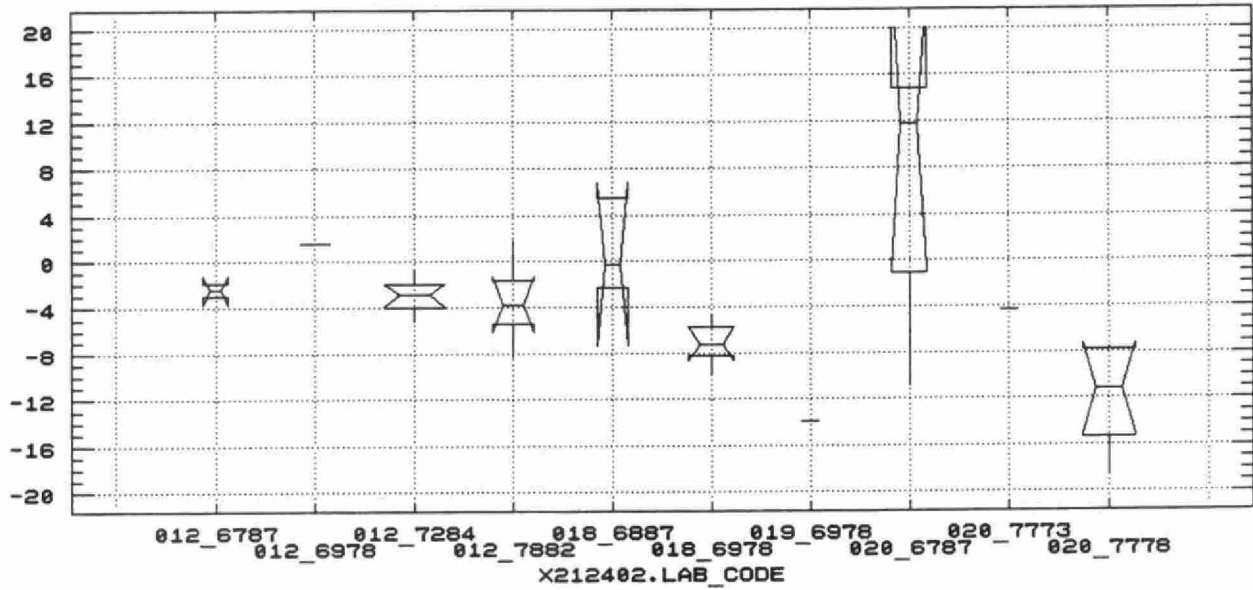
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X212401.DIFF



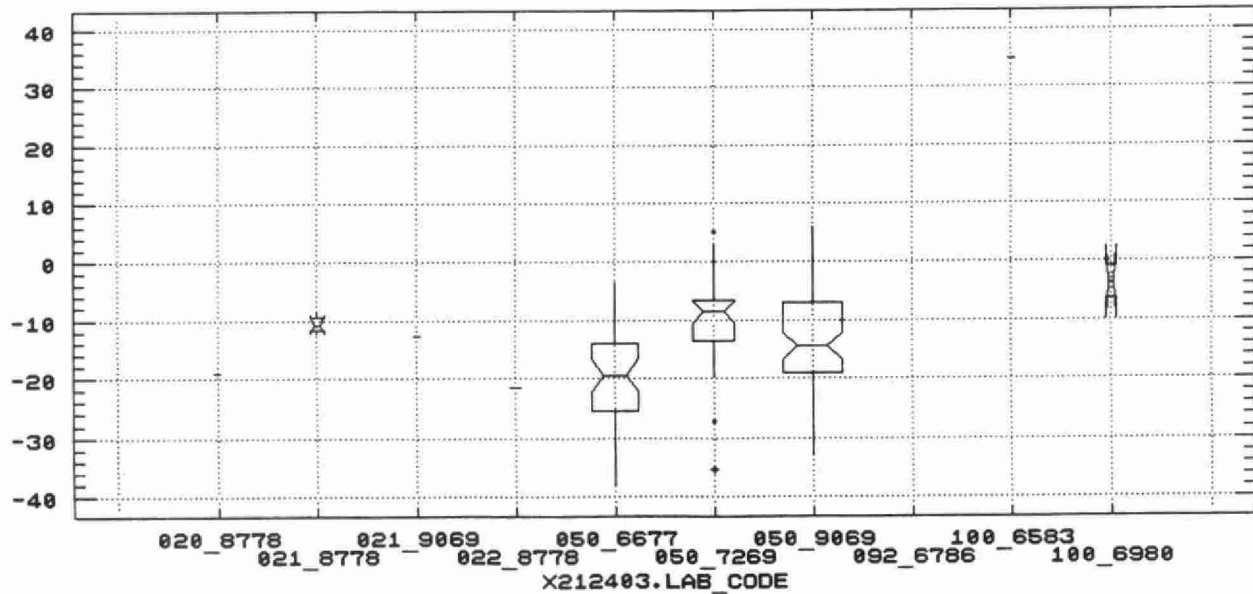
TRAVELLING SPIKED BLANKS

X212402.DIFF



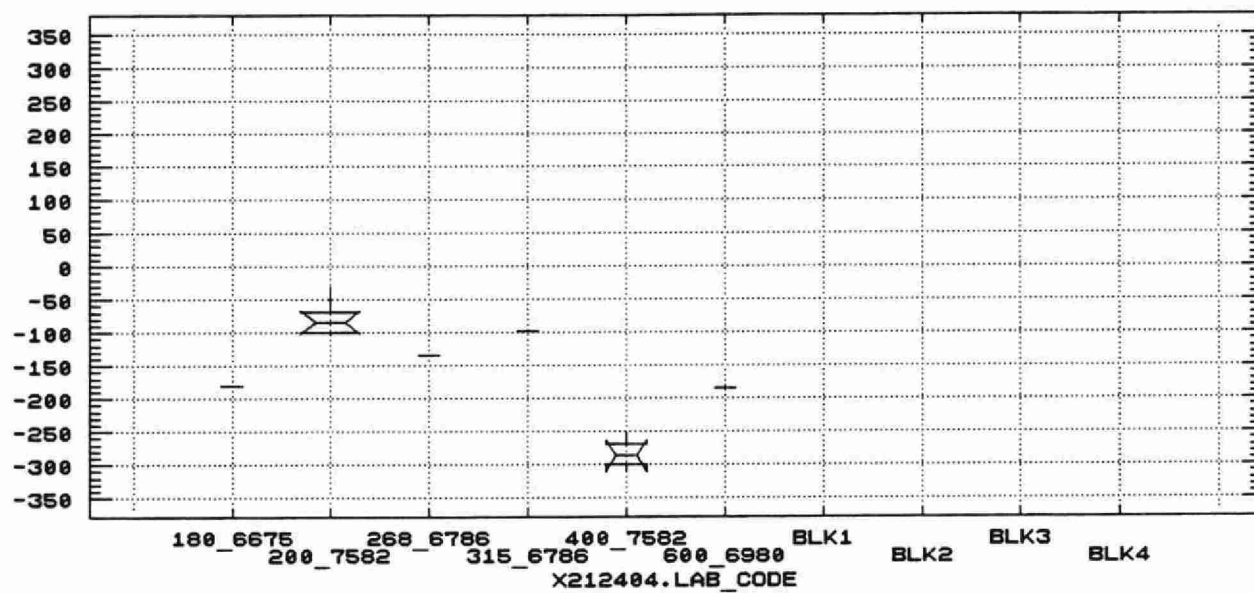
TRAVELLING SPIKED BLANKS

X212403.DIFF



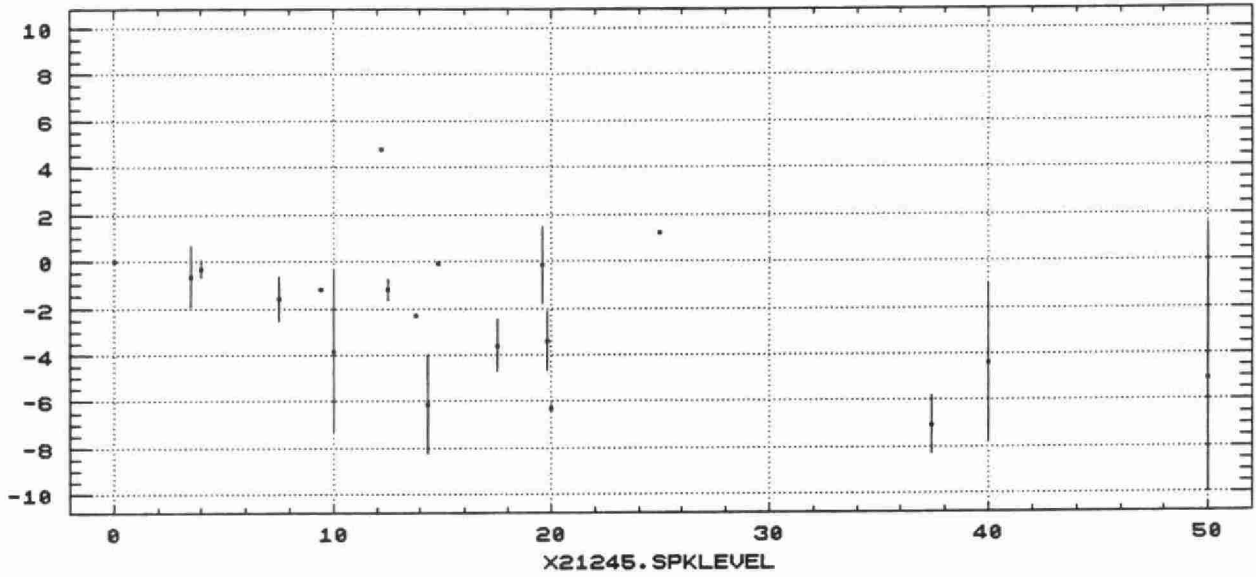
TRAVELLING SPIKED BLANKS

X212404.DIFF



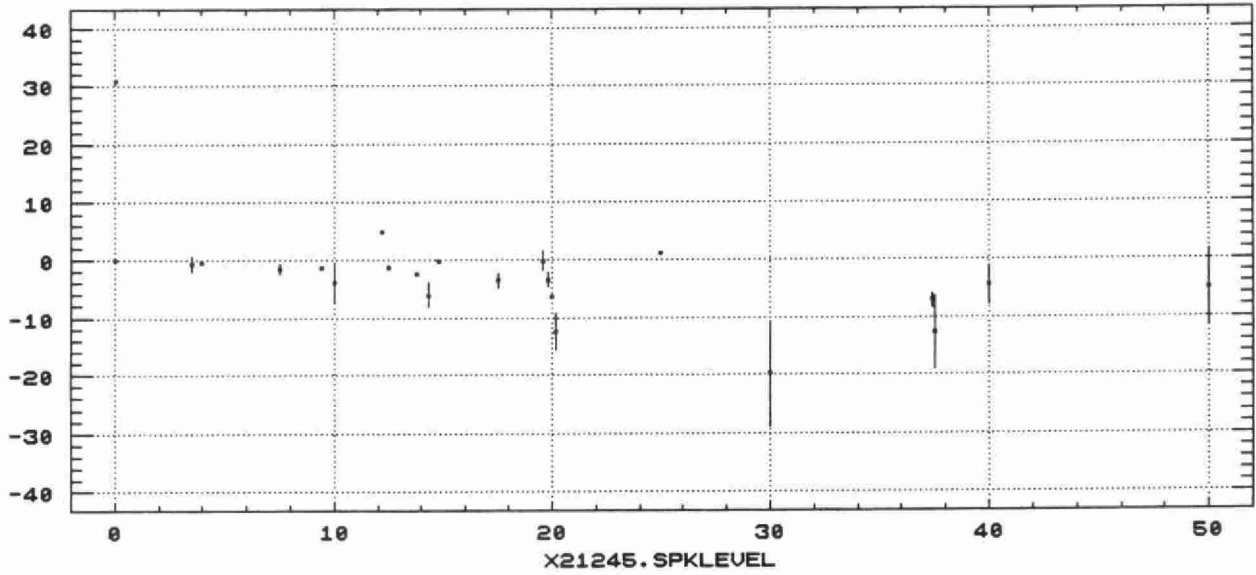
TRAVELLING SPIKED BLANKS

X21245.AVG



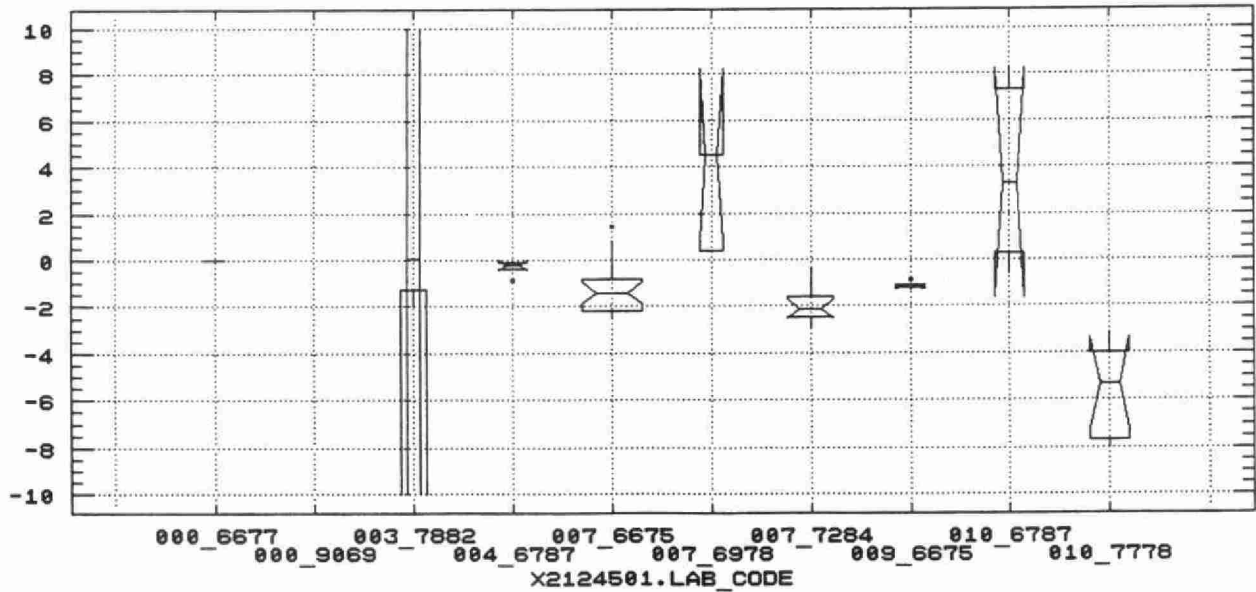
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X21245.AVG



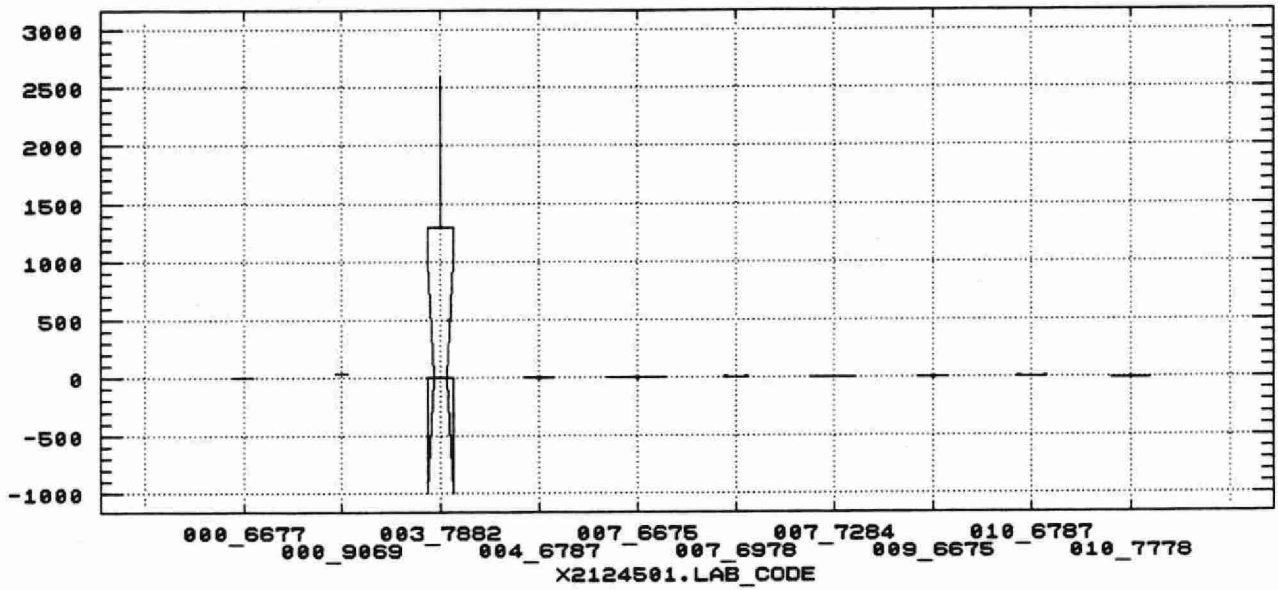
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X2124501.DIFF



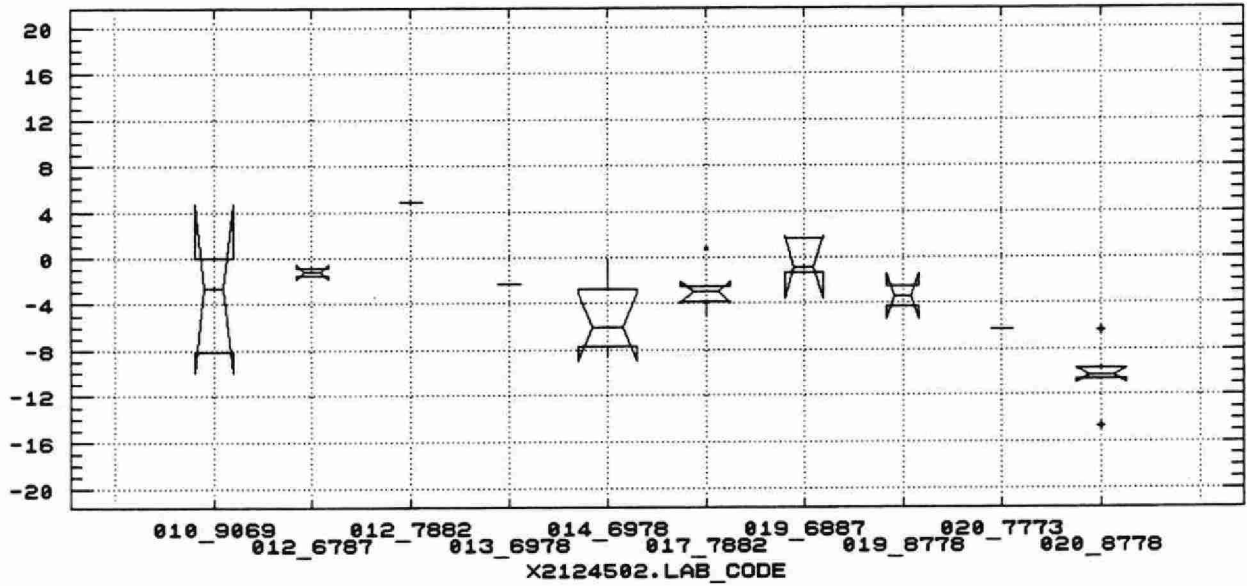
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X2124501.DIFF



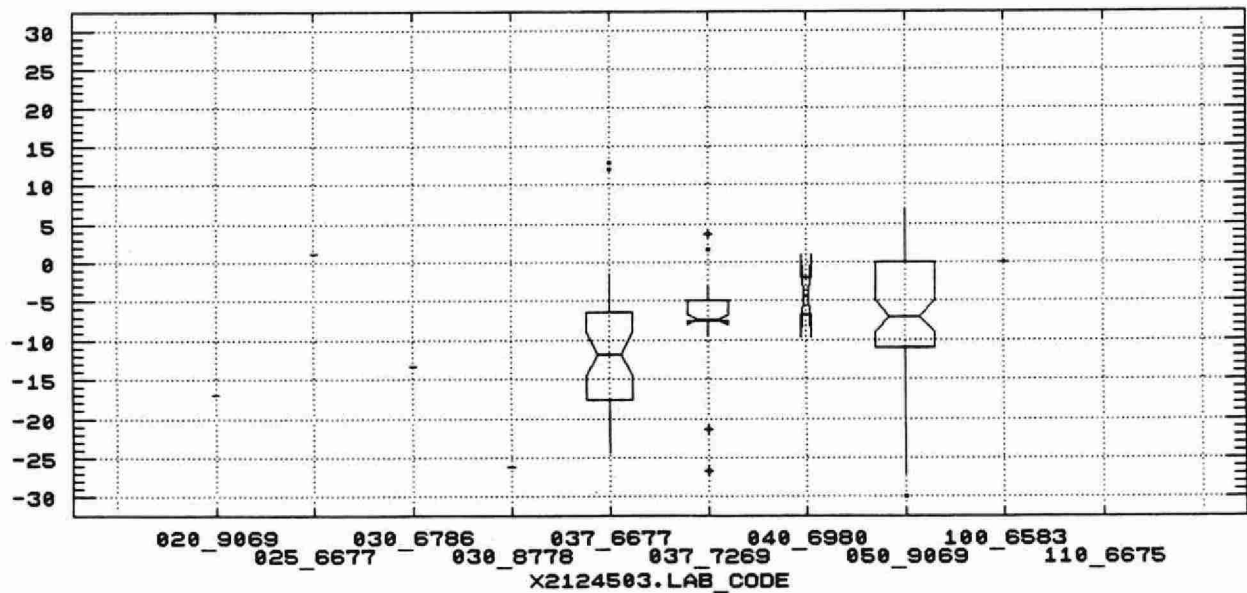
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X2124502.DIFF



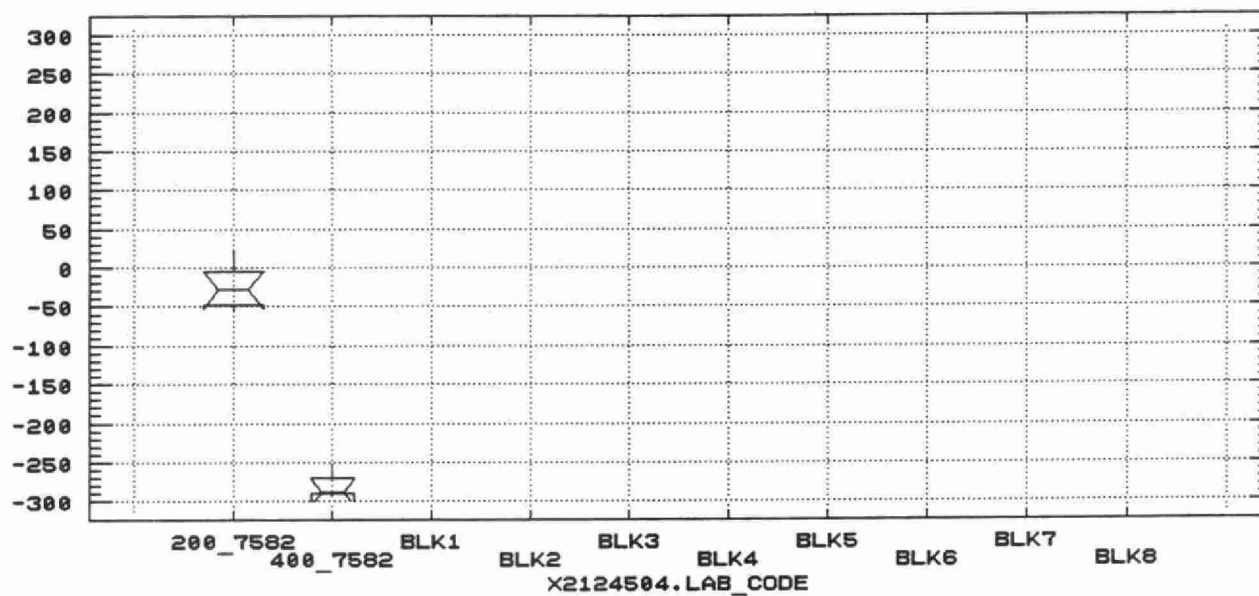
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X2124503.DIFF



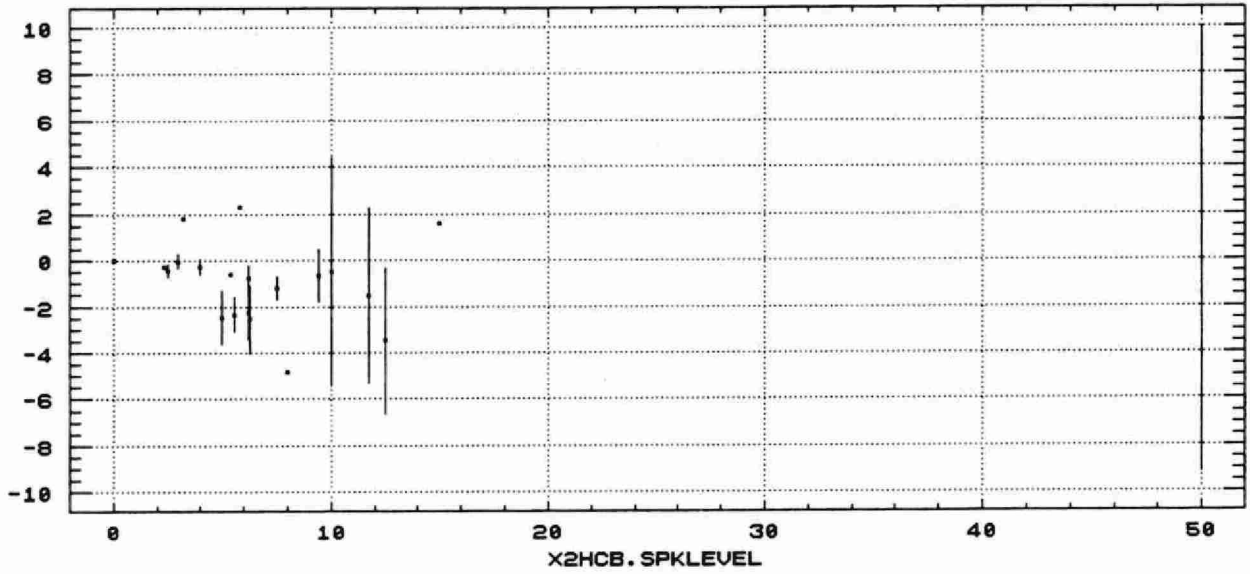
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X2124504.DIFF



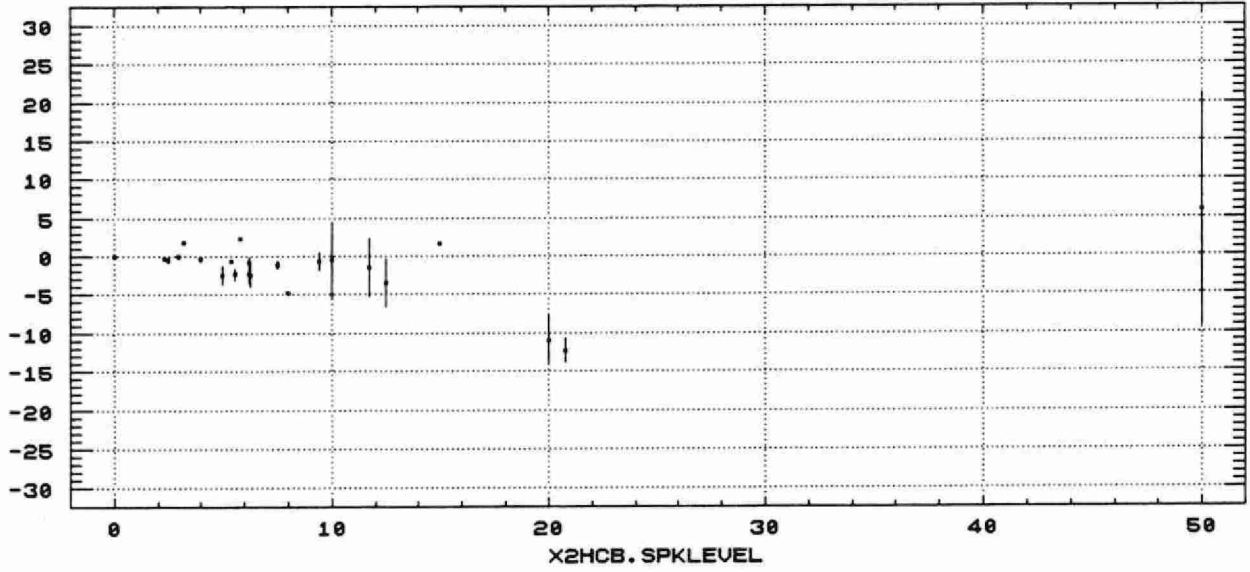
TRAVELLING SPIKED BLANKS

X2HCB.AVG



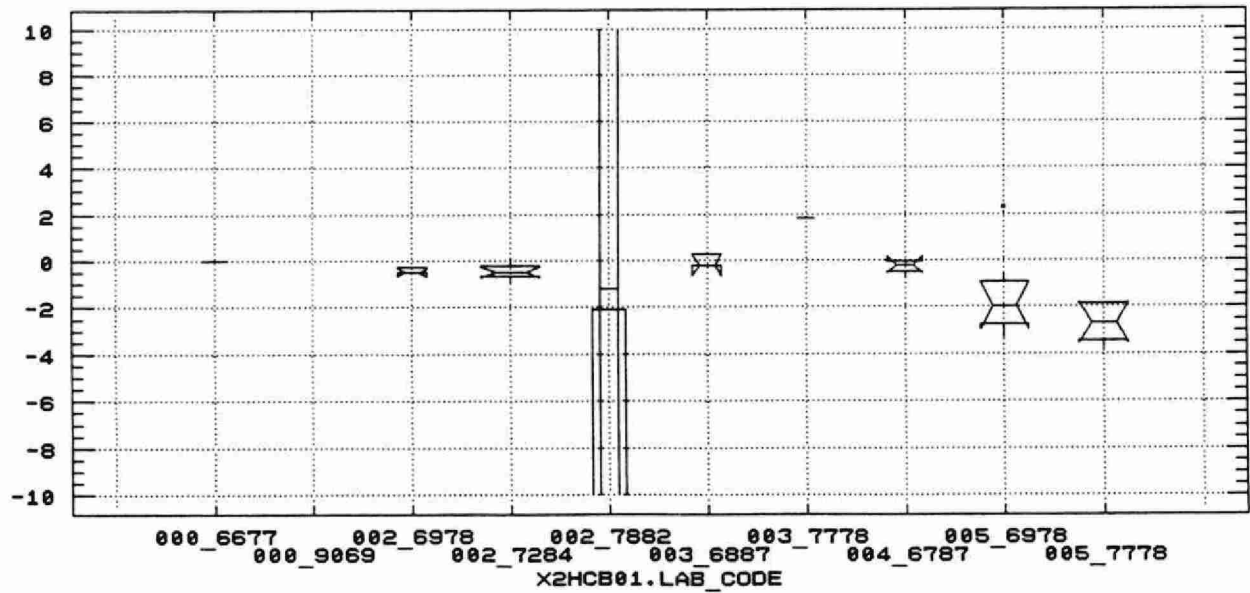
TRAVELLING SPIKED BLANKS

X2HCB.AVG



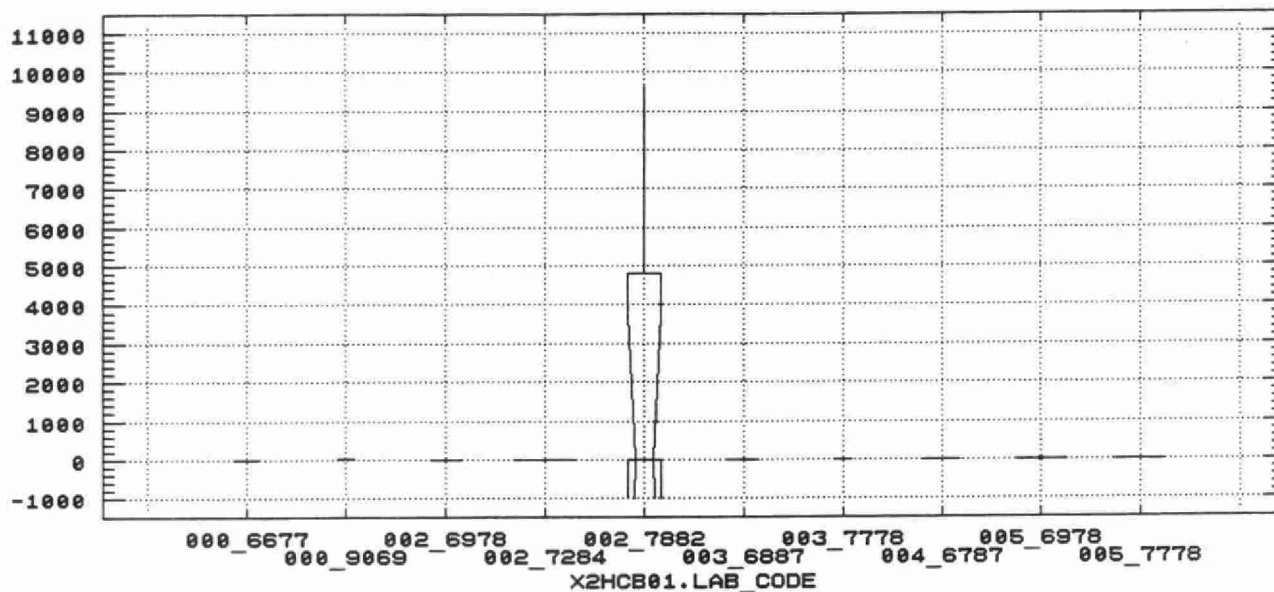
TRAVELLING SPIKED BLANKS

X2HCB01.DIFF



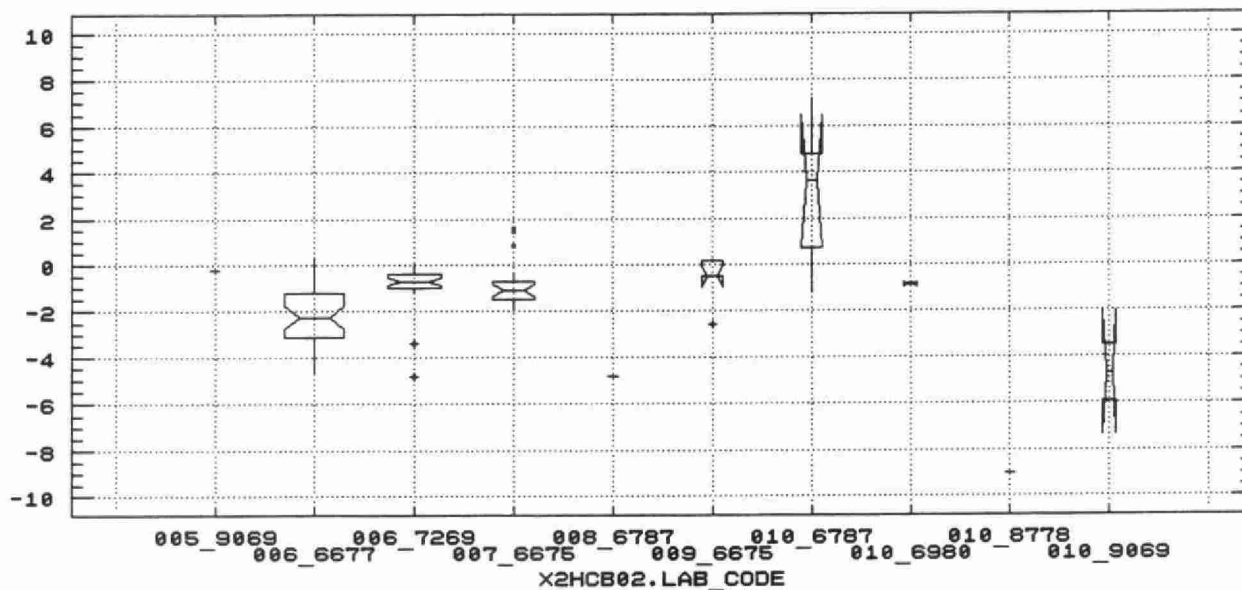
TRAVELLING SPIKED BLANKS

X2HCB01.DIFF



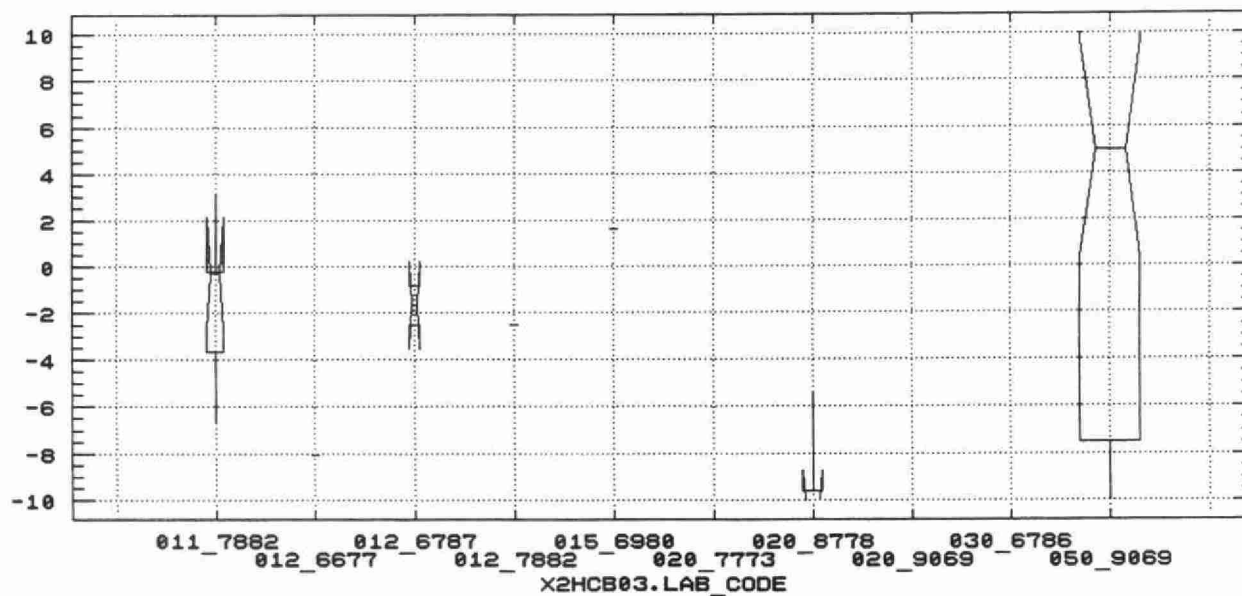
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X2HCB02.DIFF



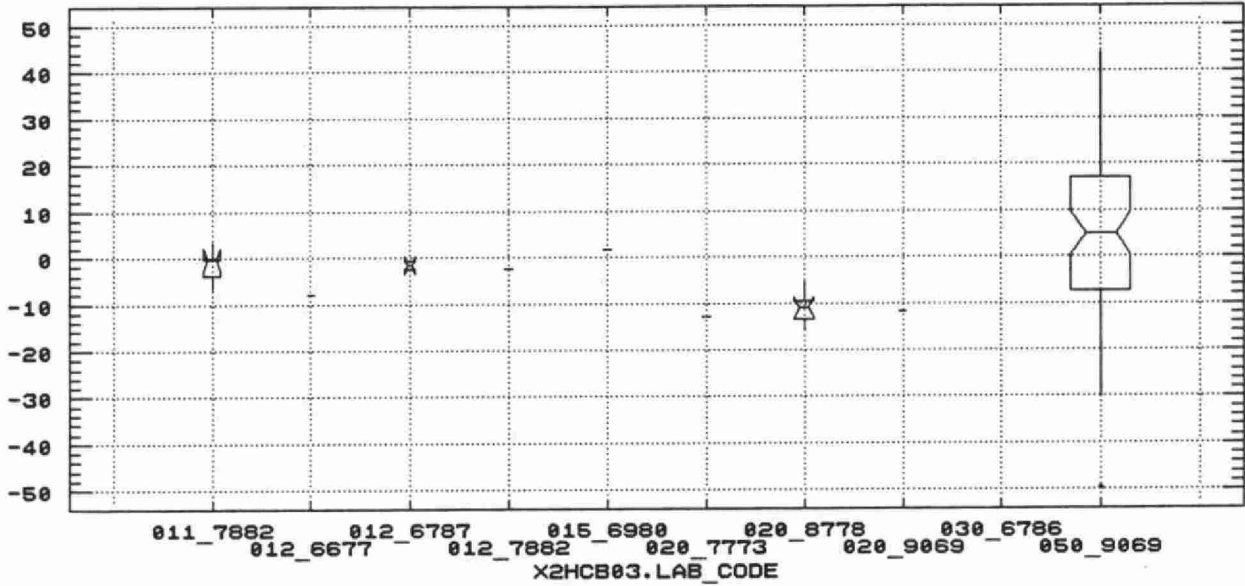
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X2HCB03.DIFF



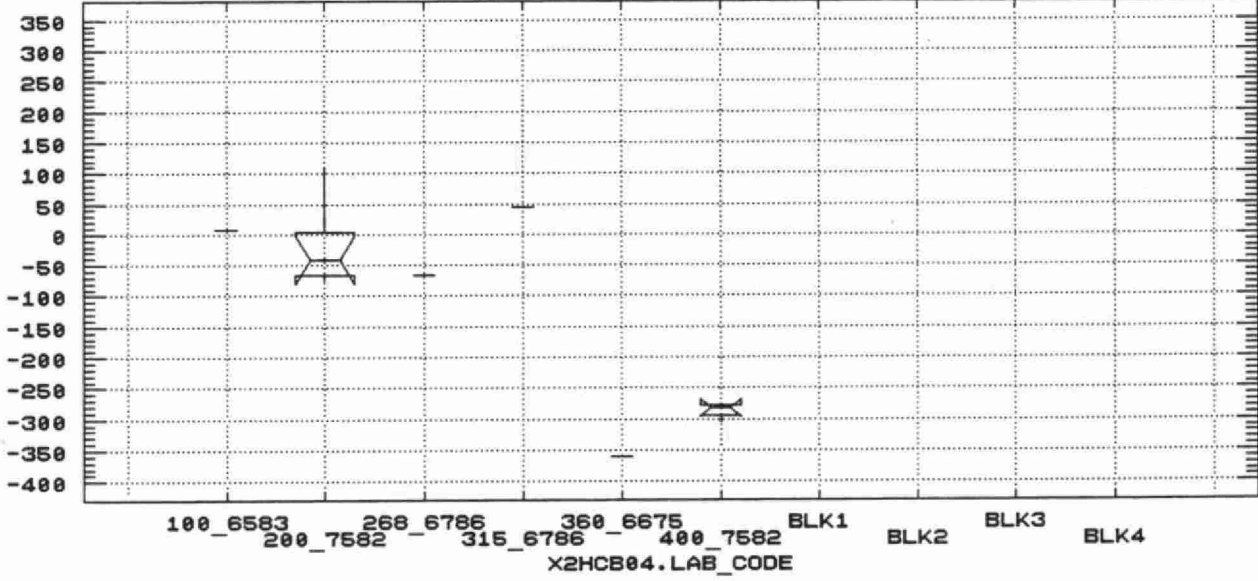
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X2HCB03.DIFF

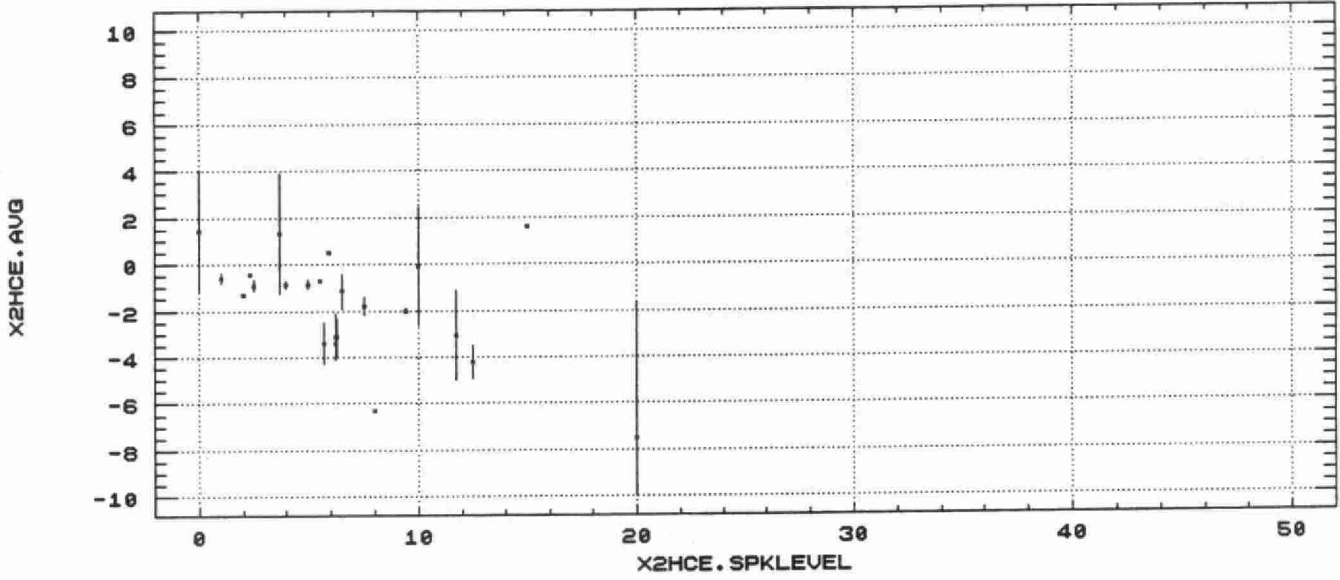


TRAVELLING SPIKED BLANKS

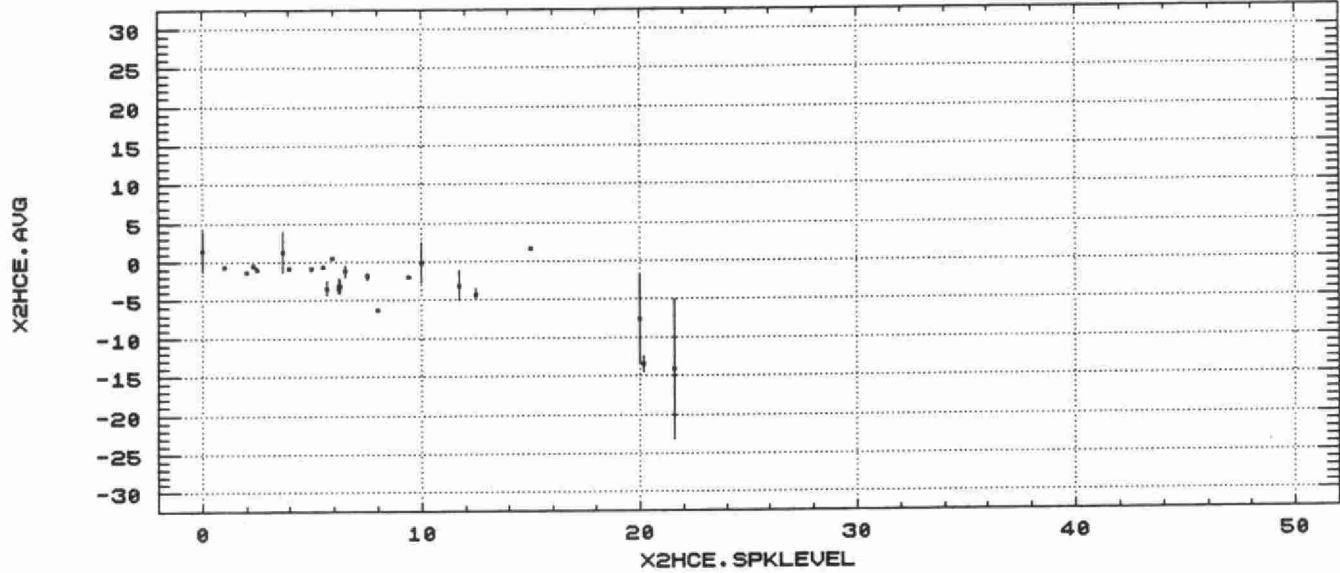
X2HCB04.DIFF



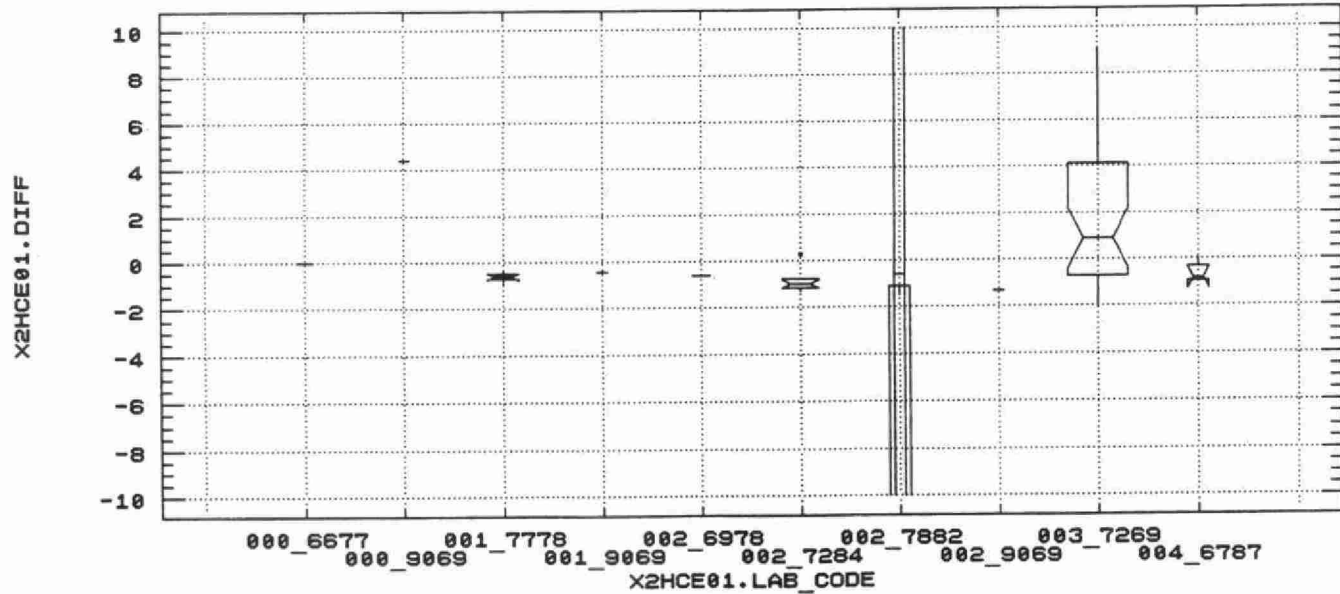
TRAVELLING SPIKED BLANKS



TRAVELLING SPIKED BLANKS

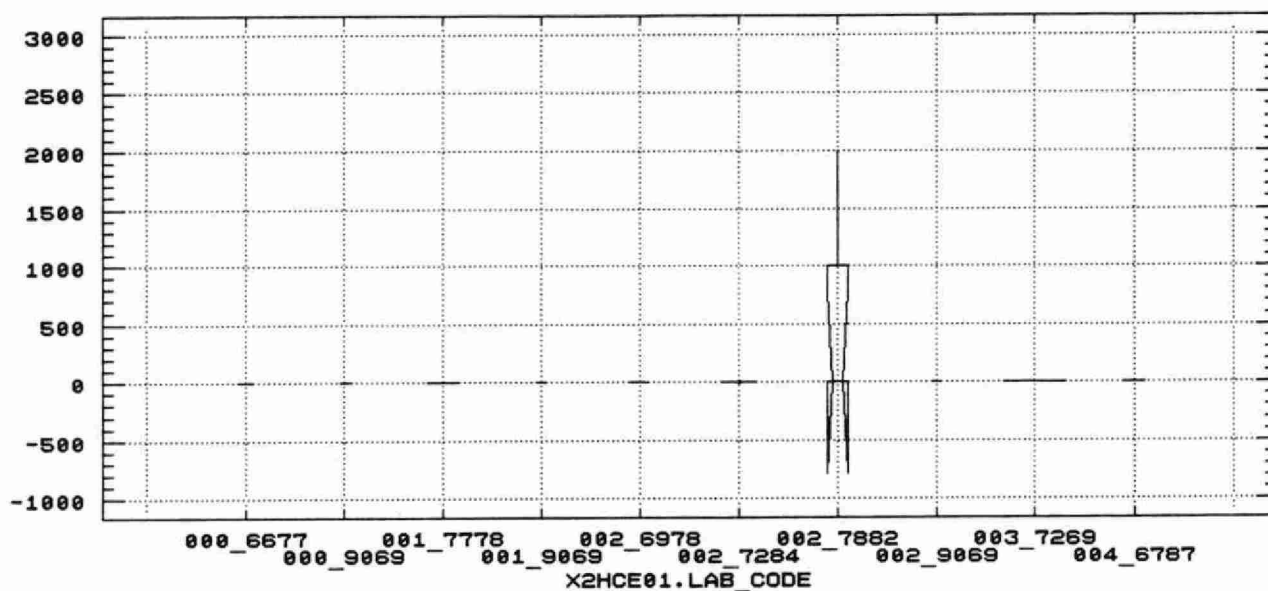


TRAVELLING SPIKED BLANKS



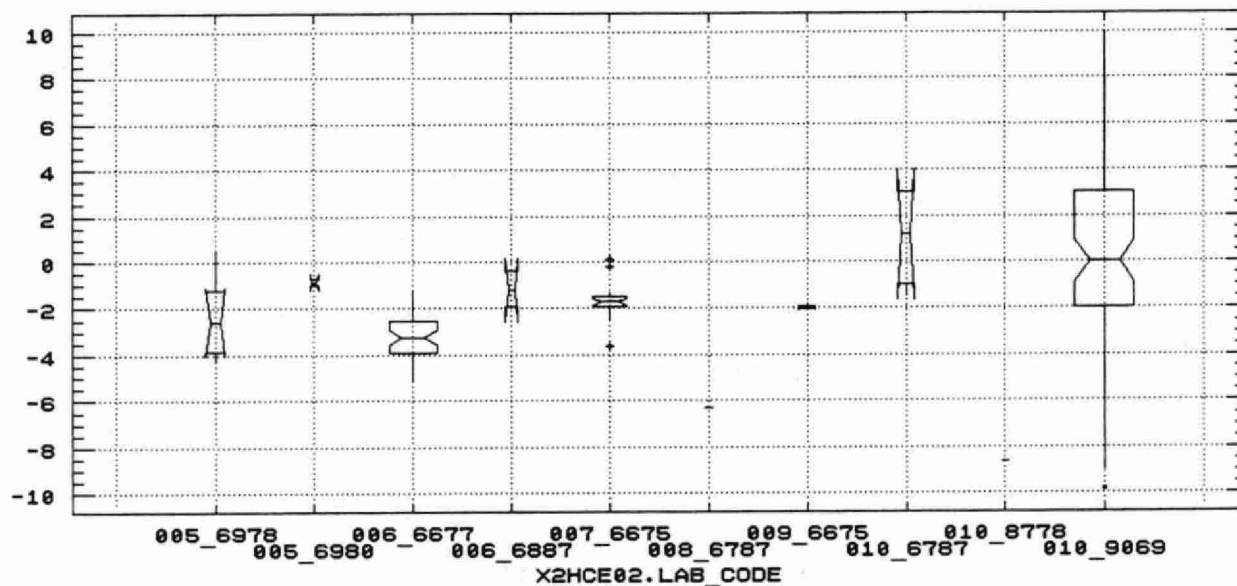
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X2HCE01.DIFF



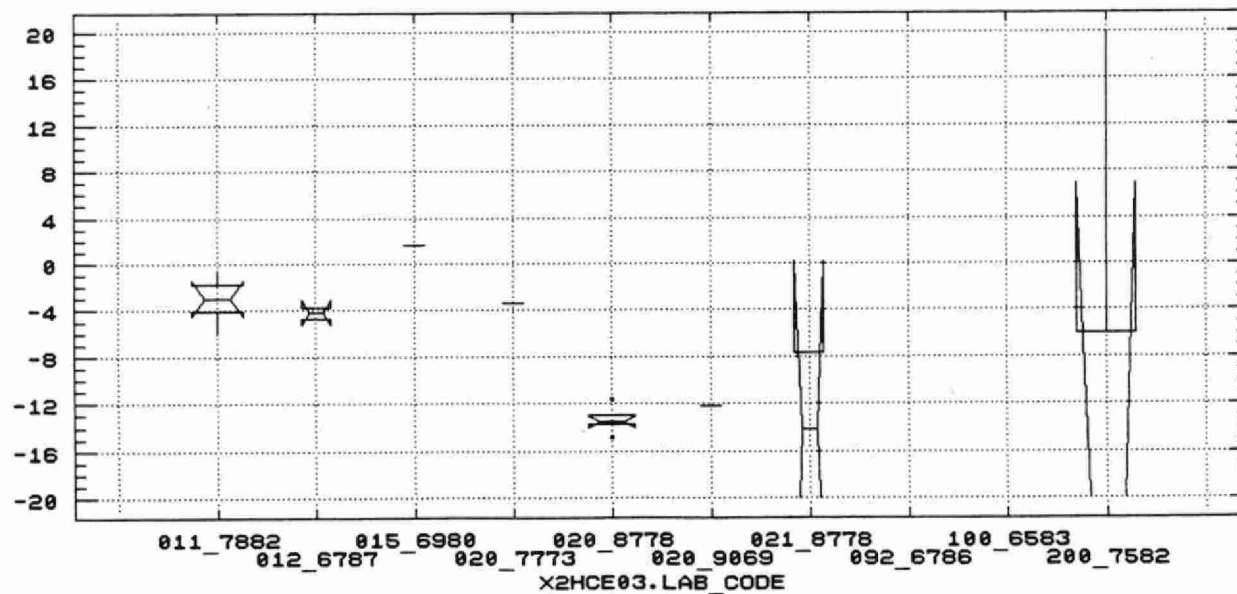
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X2HCE02.DIFF



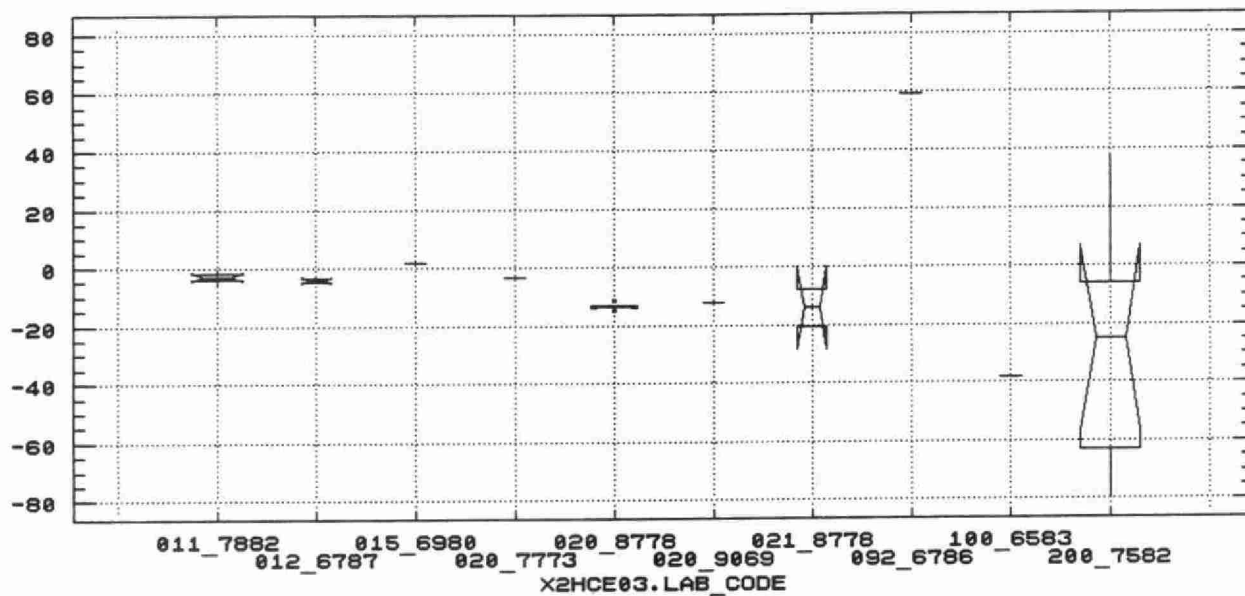
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X2HCE03.DIFF



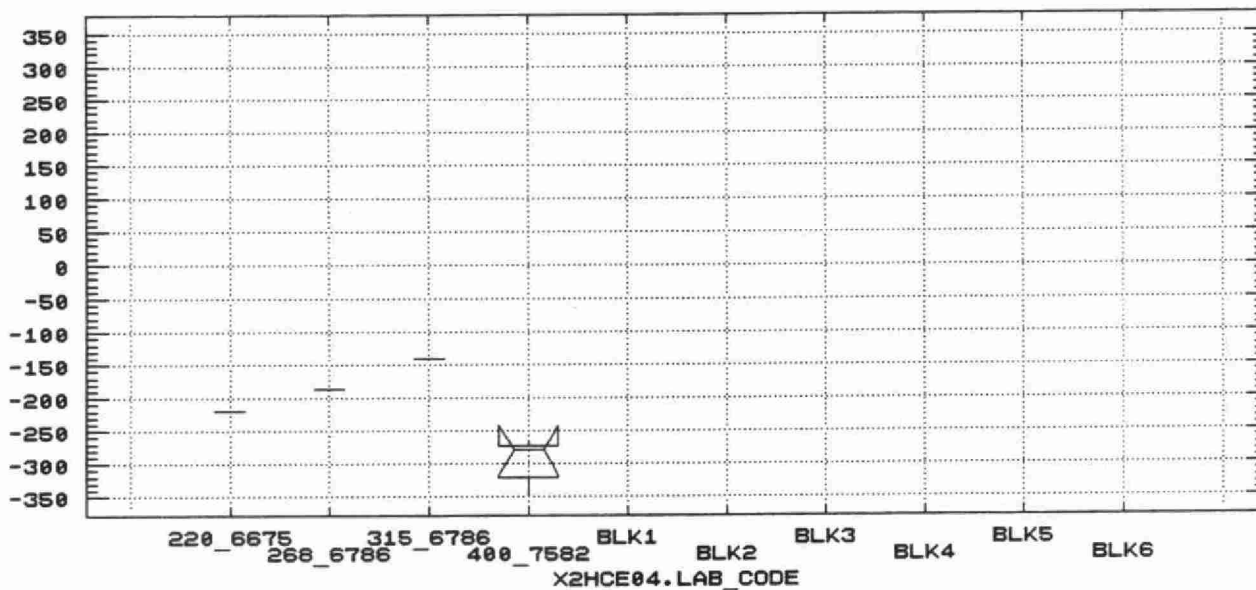
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X2HCE03.DIFF



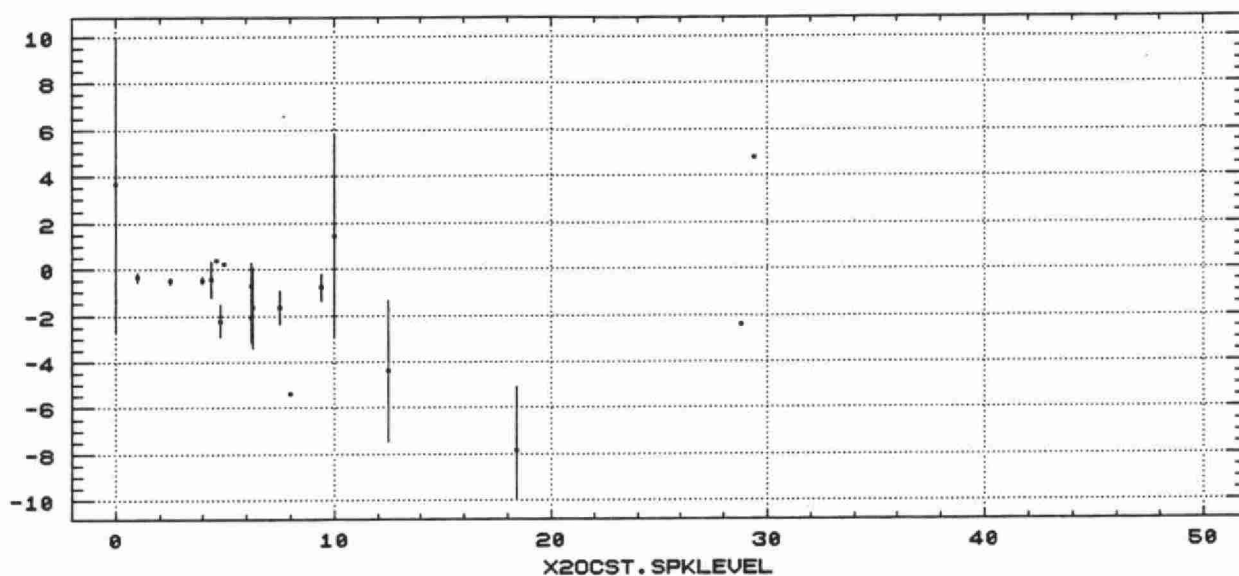
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X2HCE04.DIFF



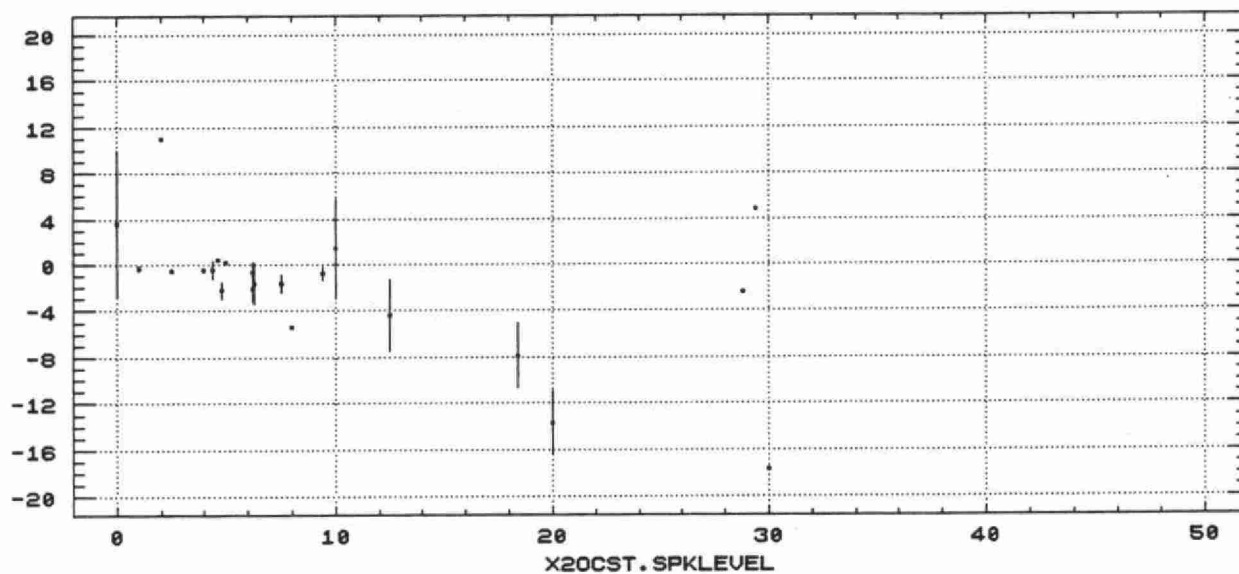
TRAVELLING SPIKED BLANKS

X20CST.AVG



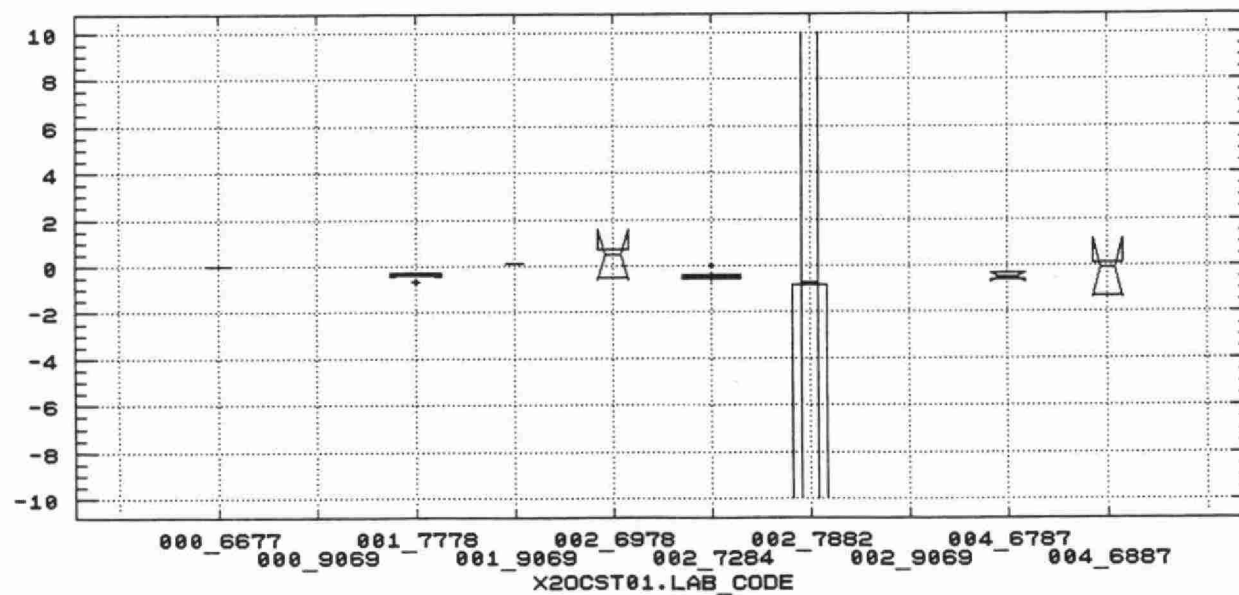
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X20CST.AVG



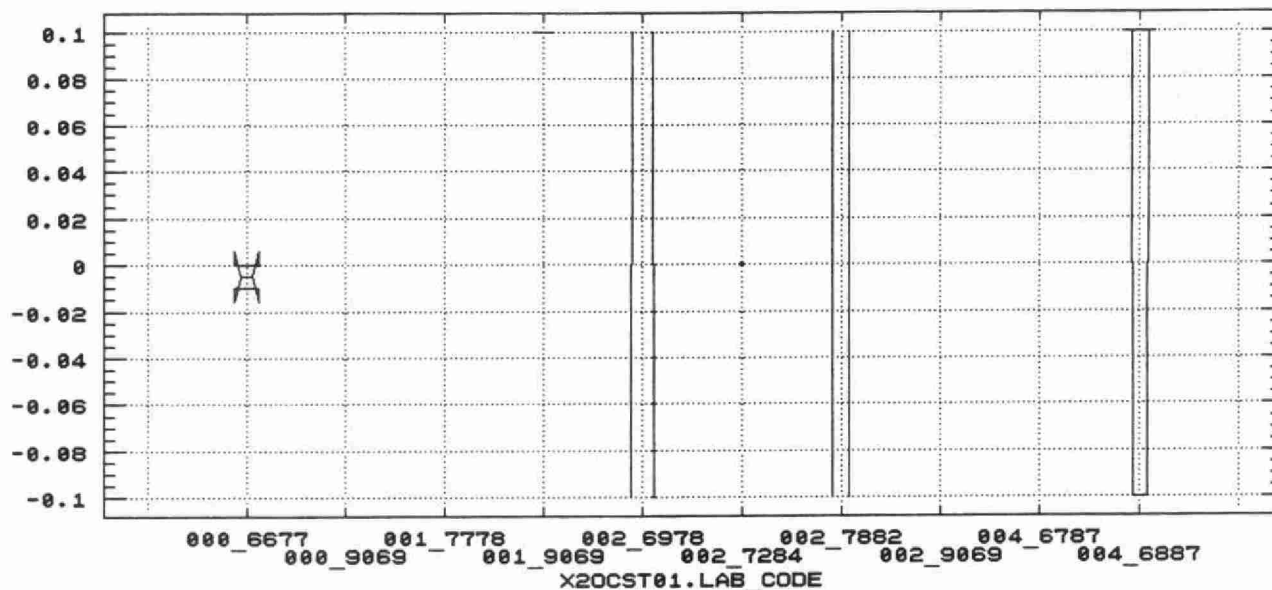
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X20CST01.DIFF



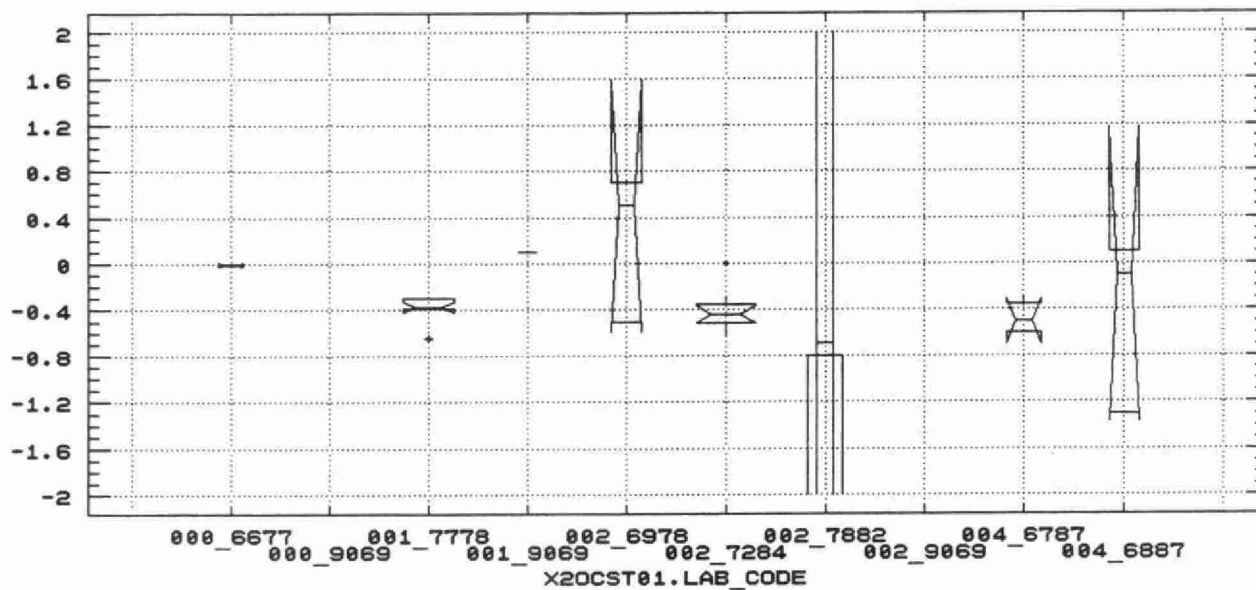
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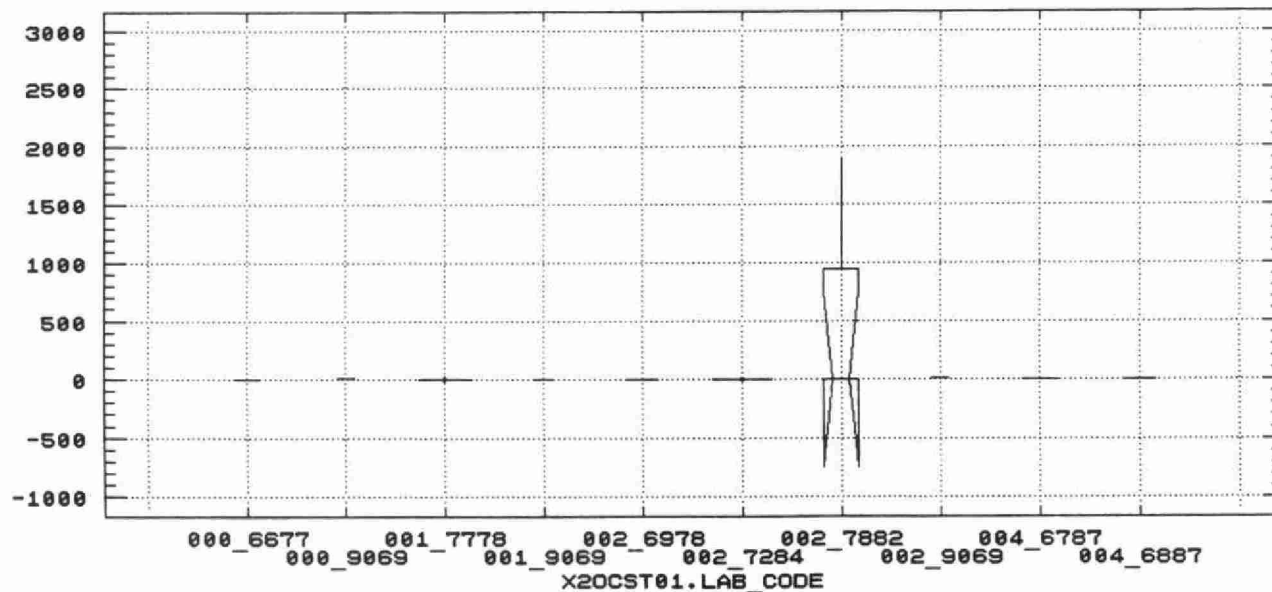
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X20CST01.DIFF



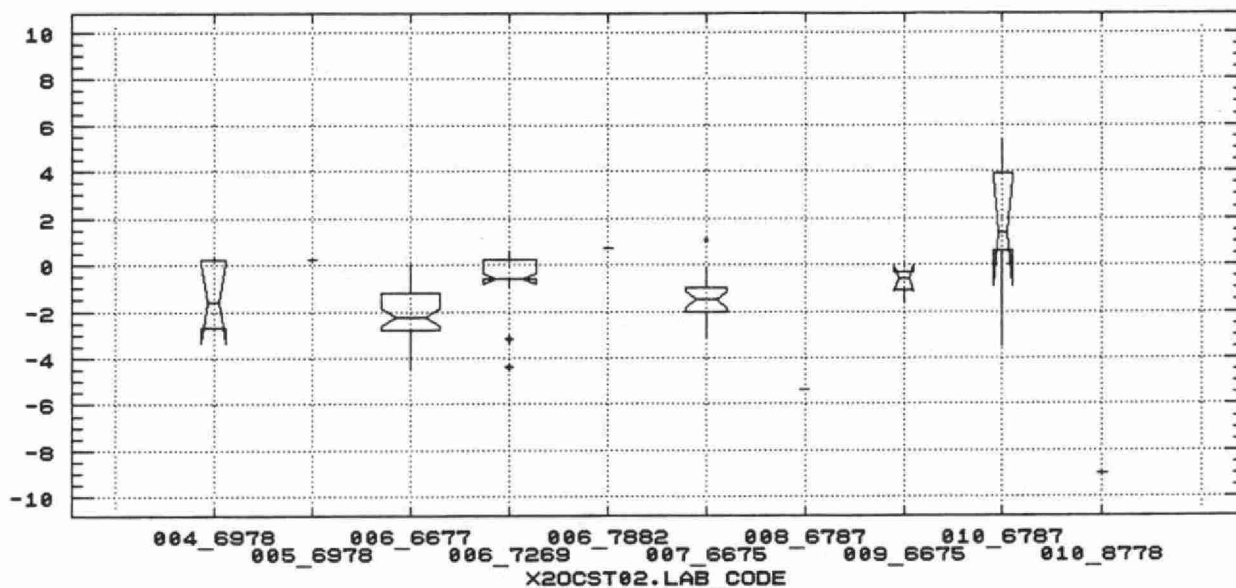
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X20CST01.DIFF



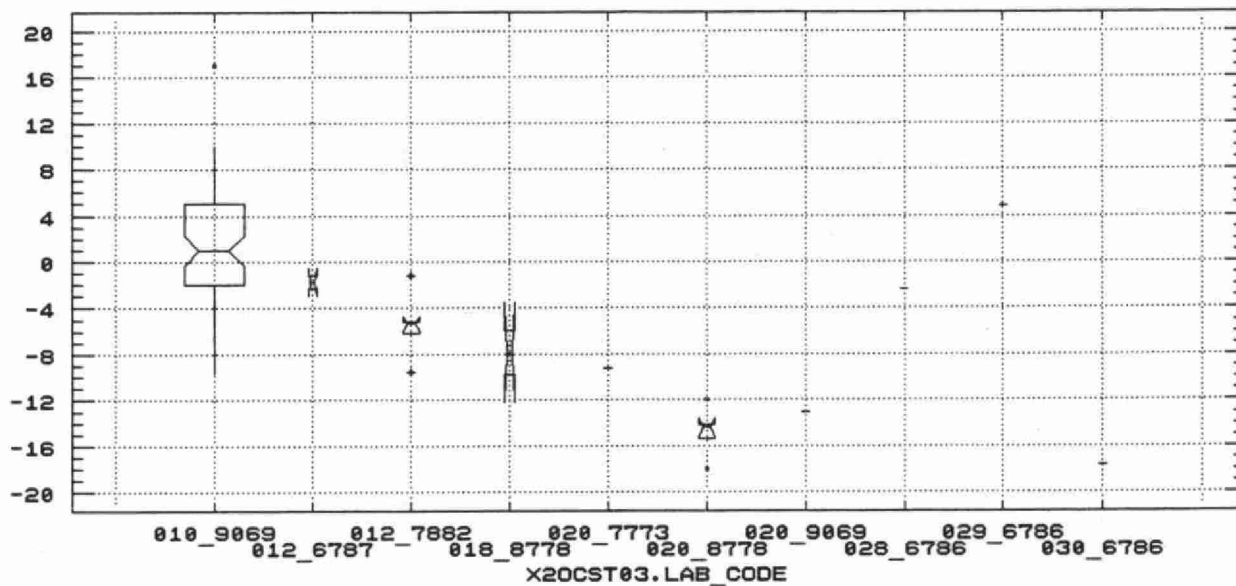
TRAVELLING SPIKED BLANKS

X20CST02.DIFF



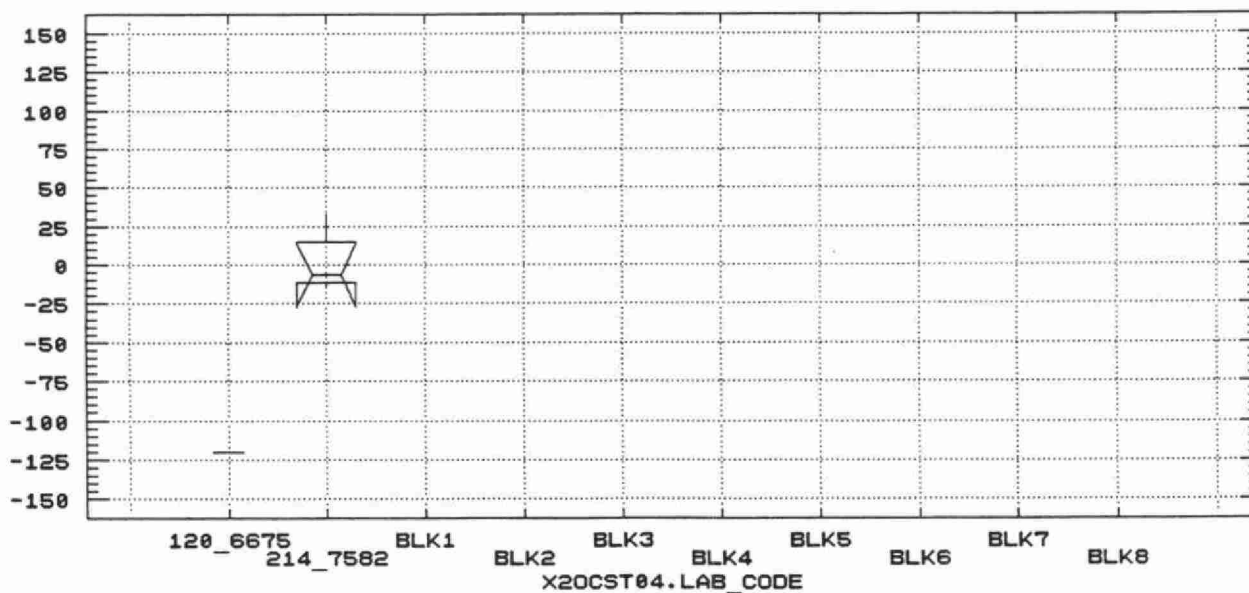
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X20CST03.DIFF



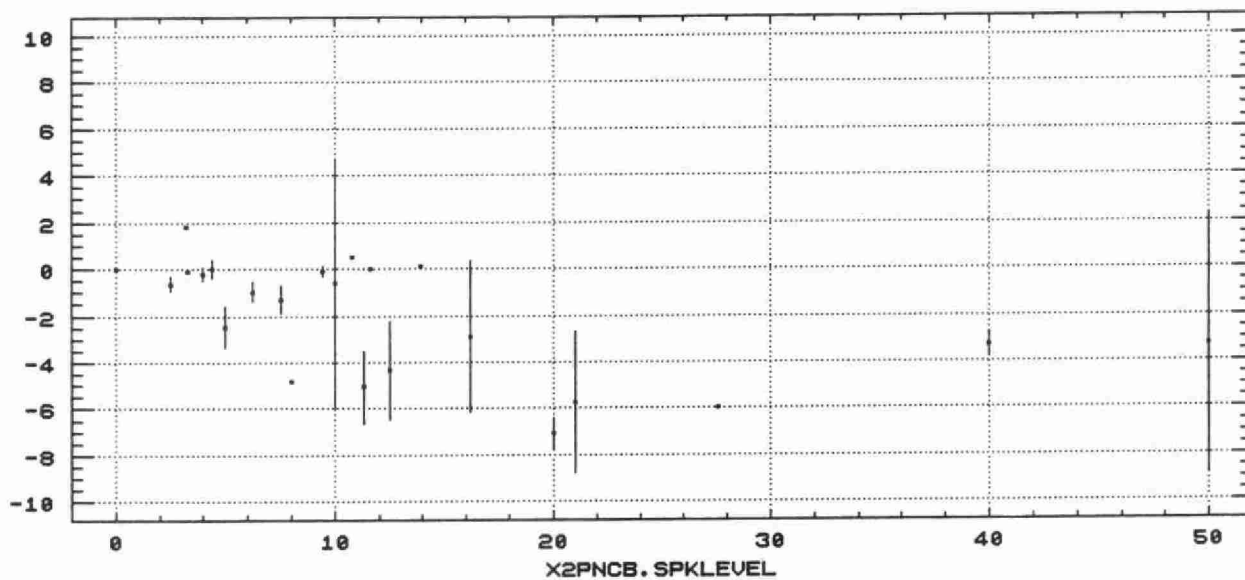
TRAVELLING SPIKED BLANKS

X20CST04.DIFF



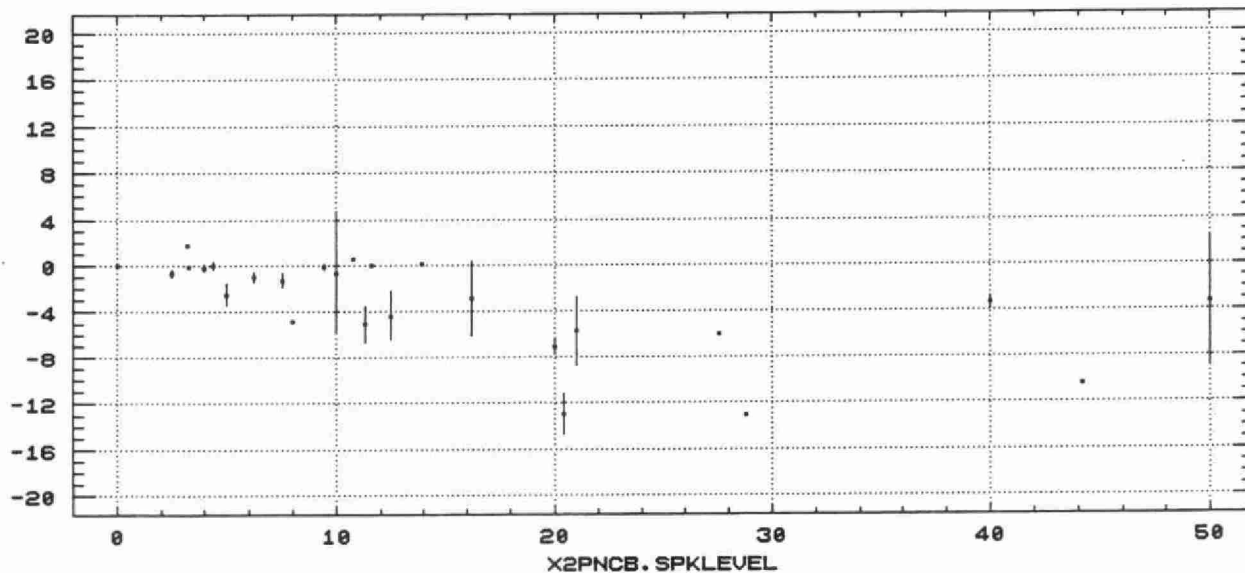
TRAVELLING SPIKED BLANKS

X2PNCB.AVG



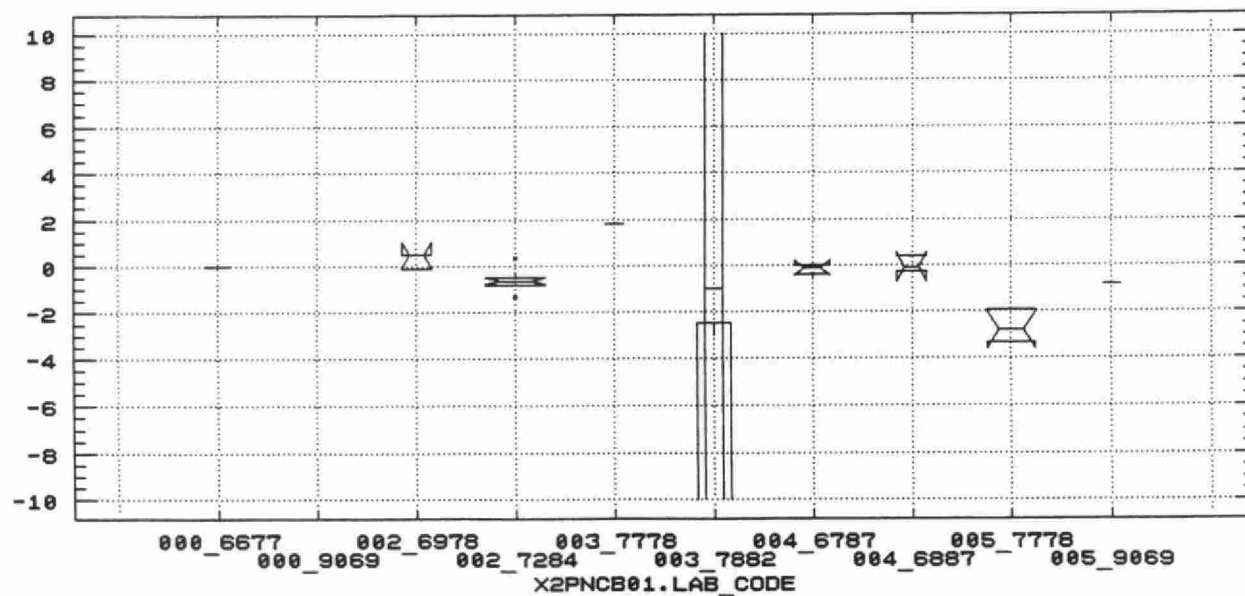
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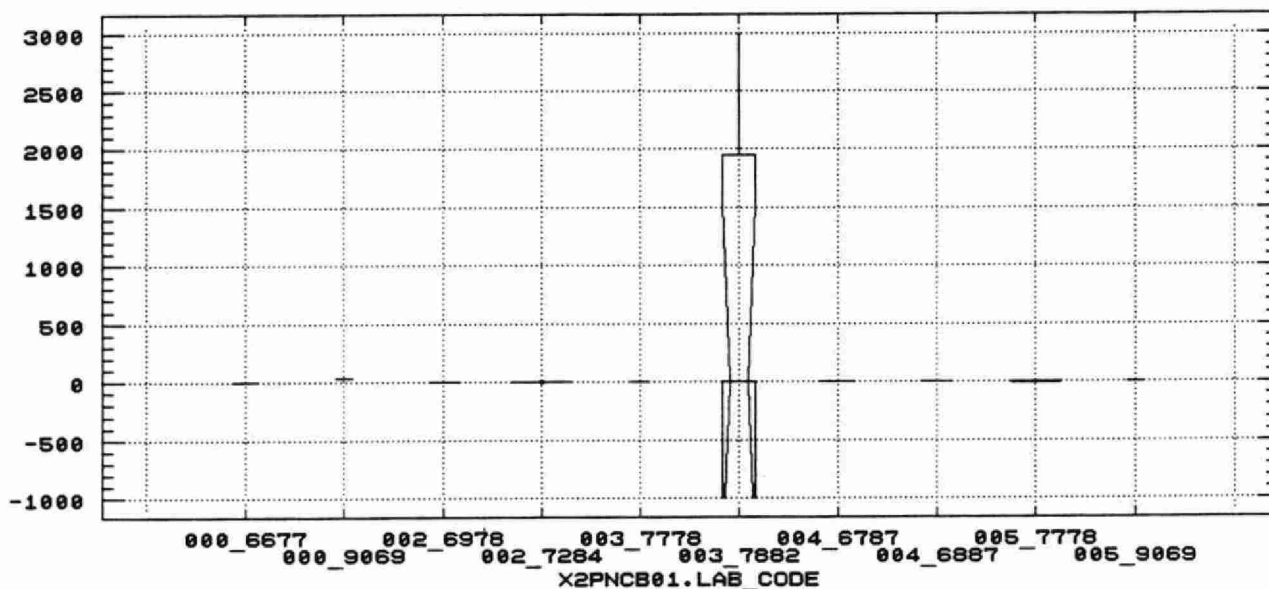


TRAVELLING SPIKED BLANKS

X2PNCB01.DIFF

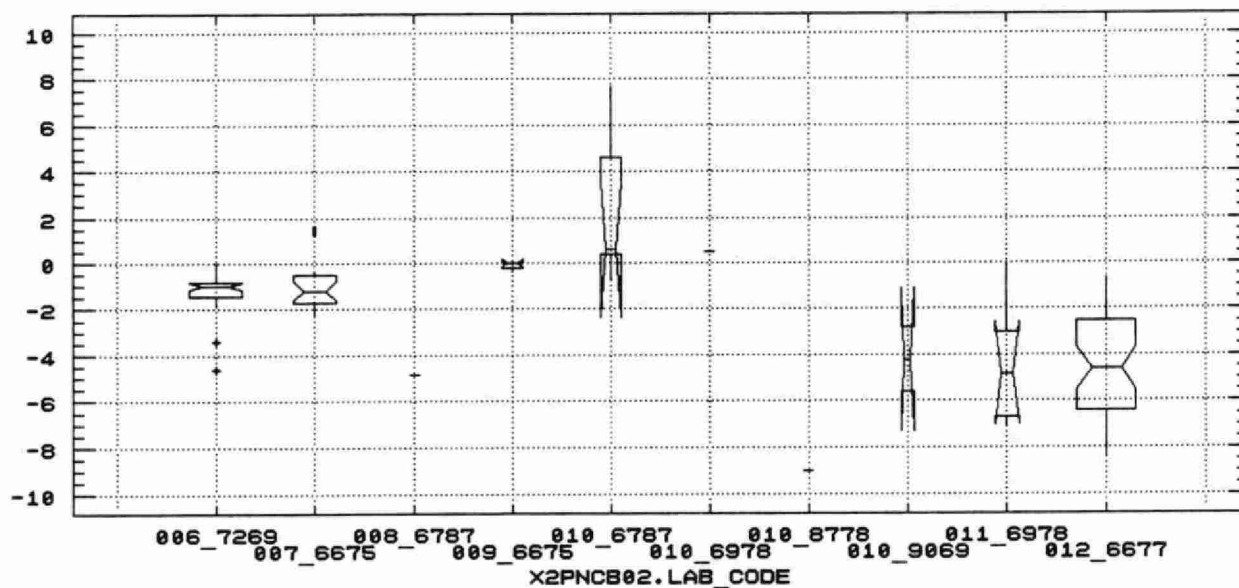


X2PNCB01.DIFF



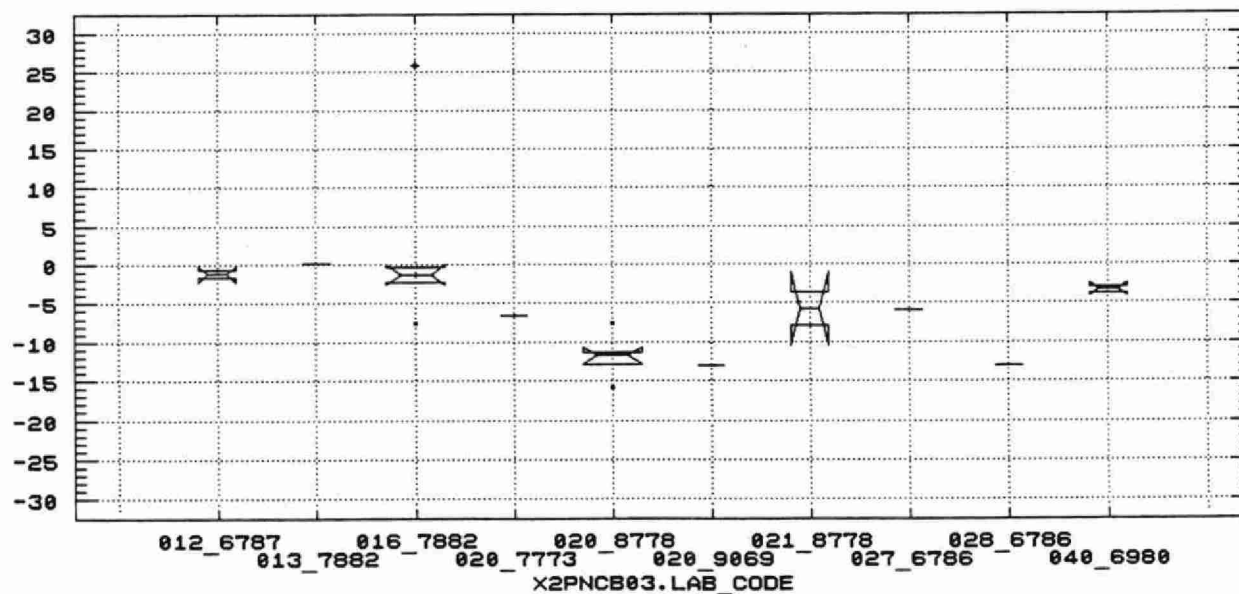
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X2PNCB02.DIFF



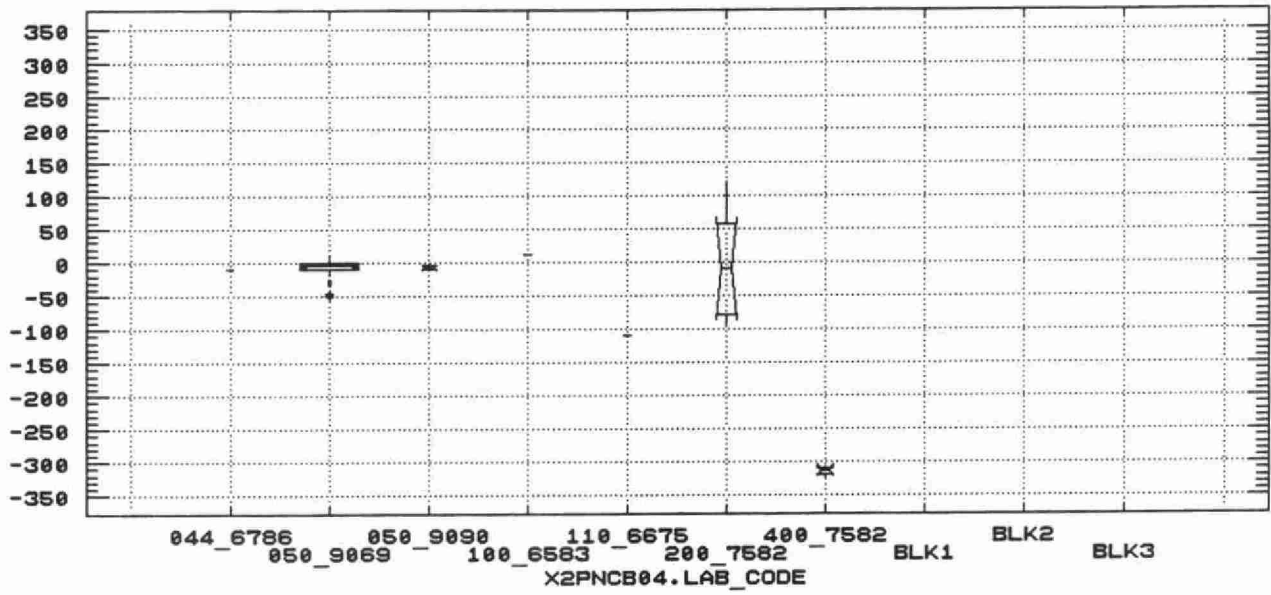
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X2PNCB03.DIFF



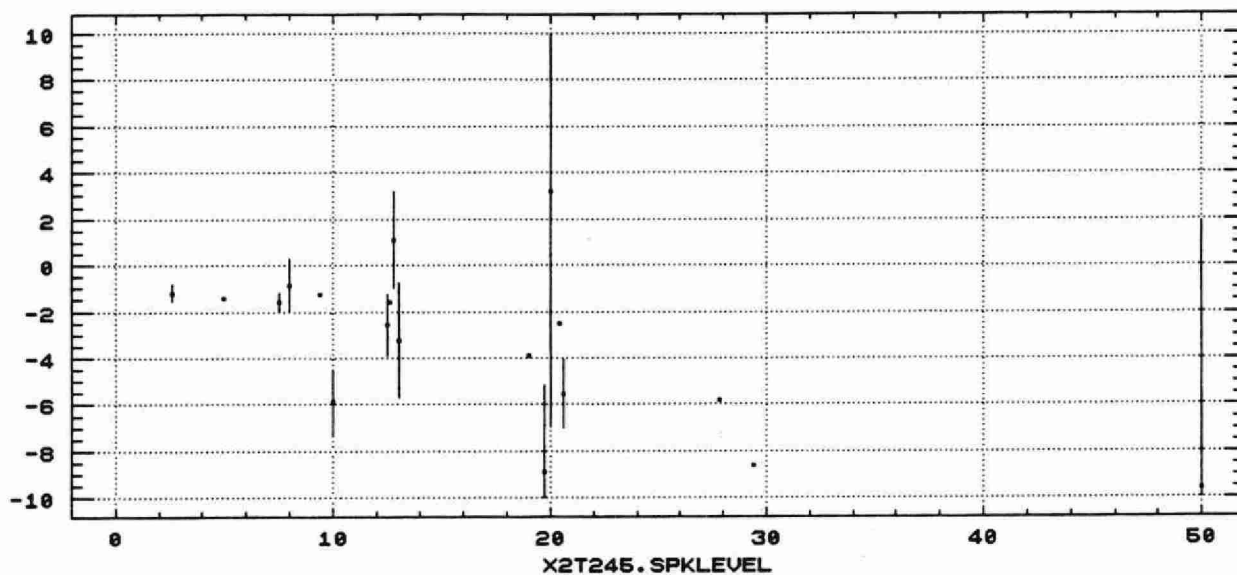
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X2PNCB04.DIFF



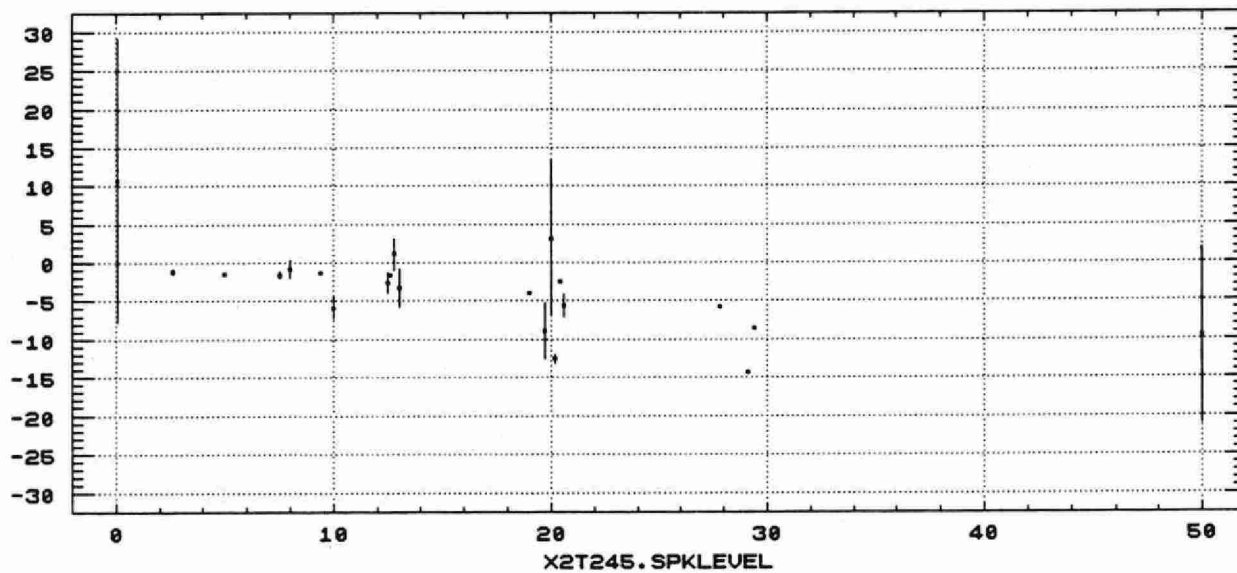
TRAVELLING SPIKED BLANKS

X2T245.AVG



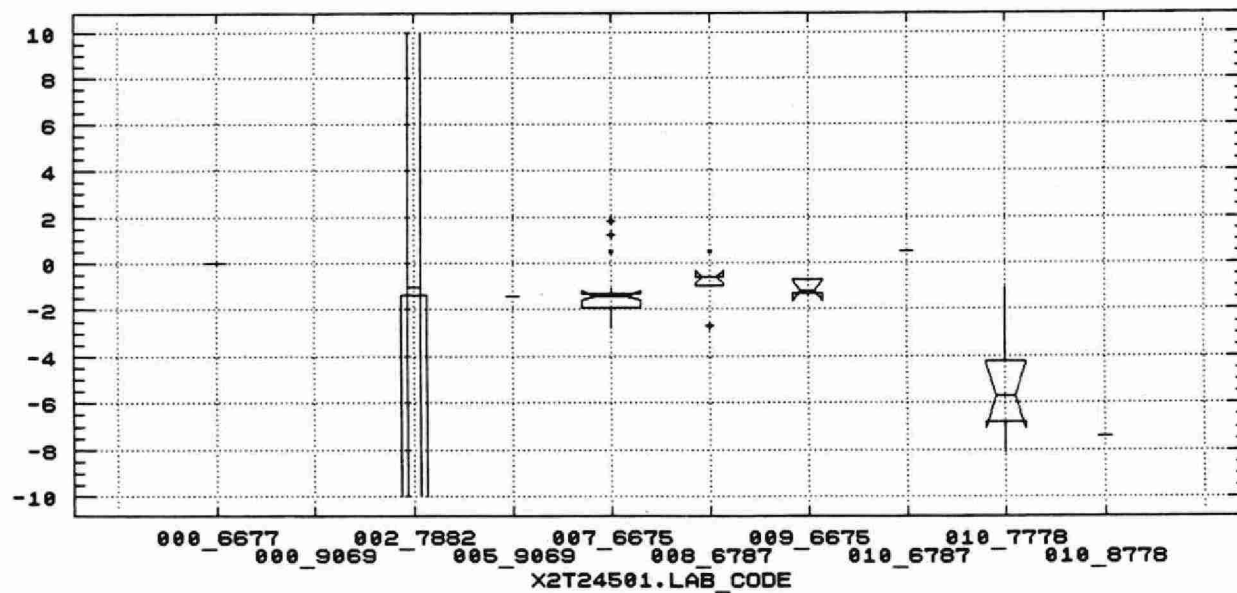
TRAVELLING SPIKED BLANKS

X2T245.AVG



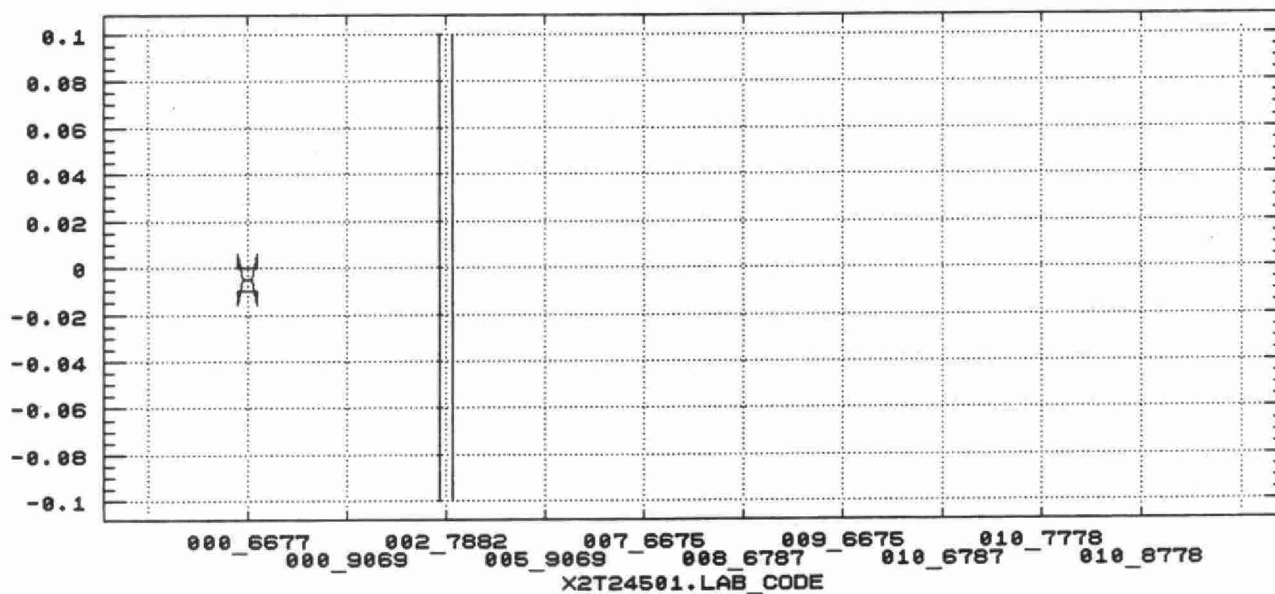
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X2T24501.DIFF



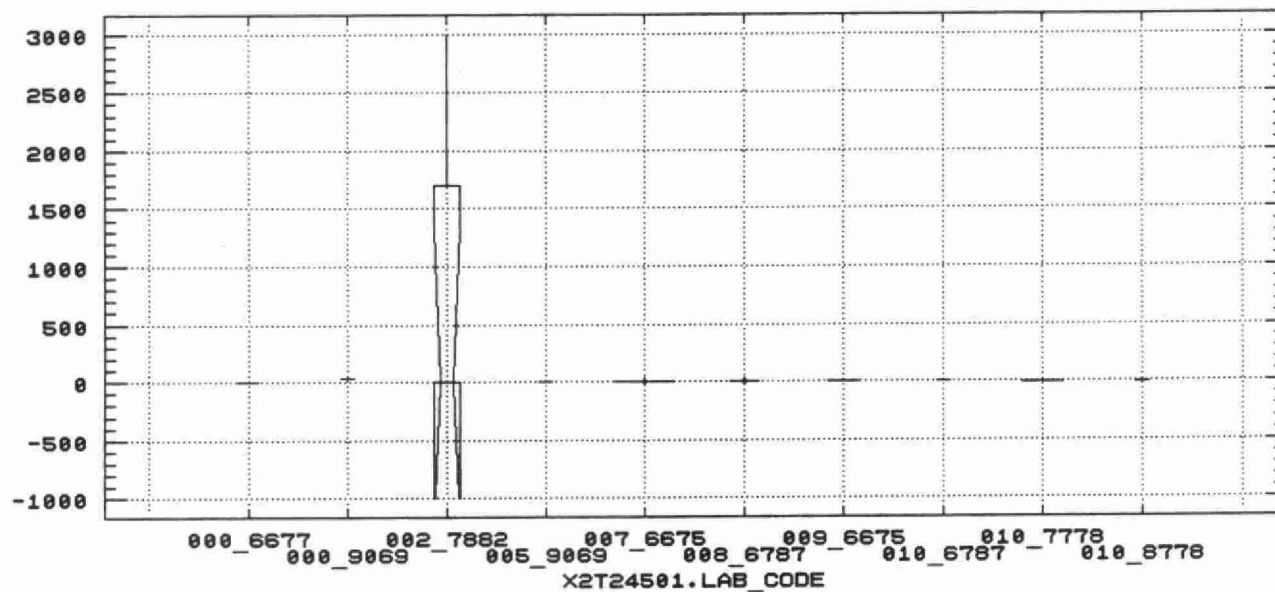
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X2T24501.DIFF



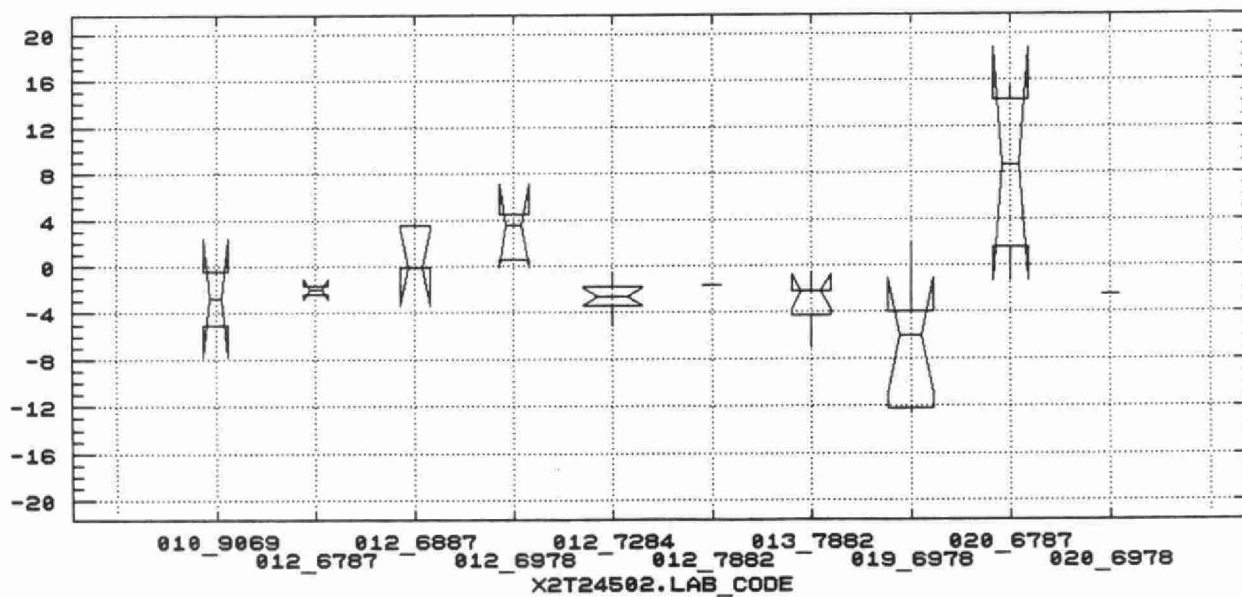
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X2T24501.DIFF



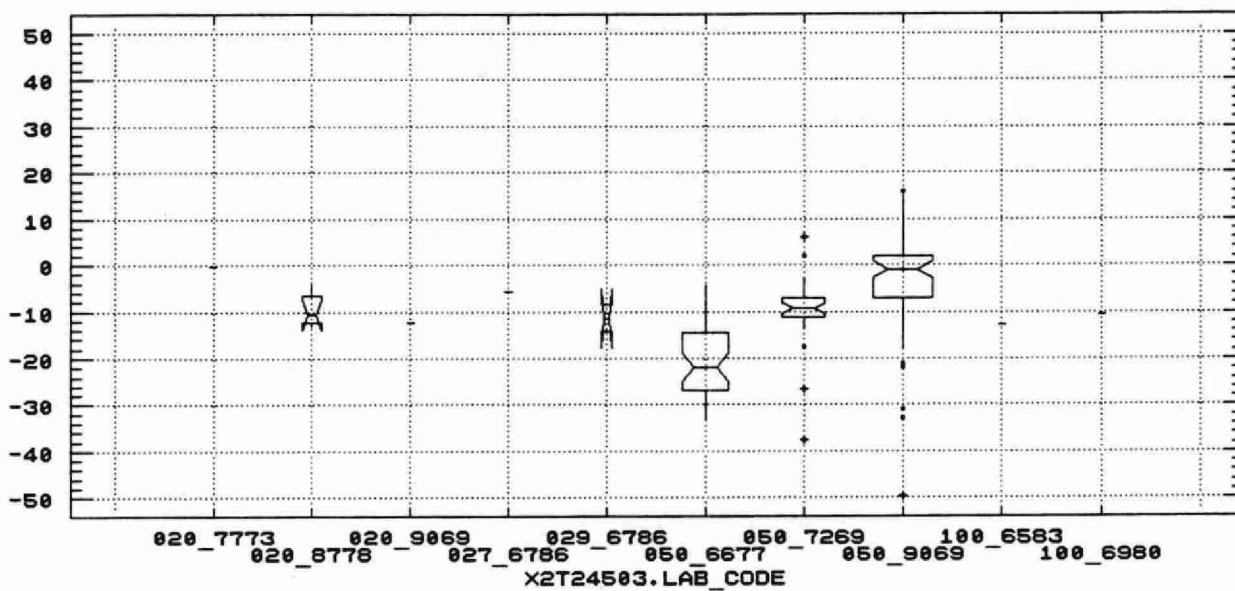
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X2T24502.DIFF



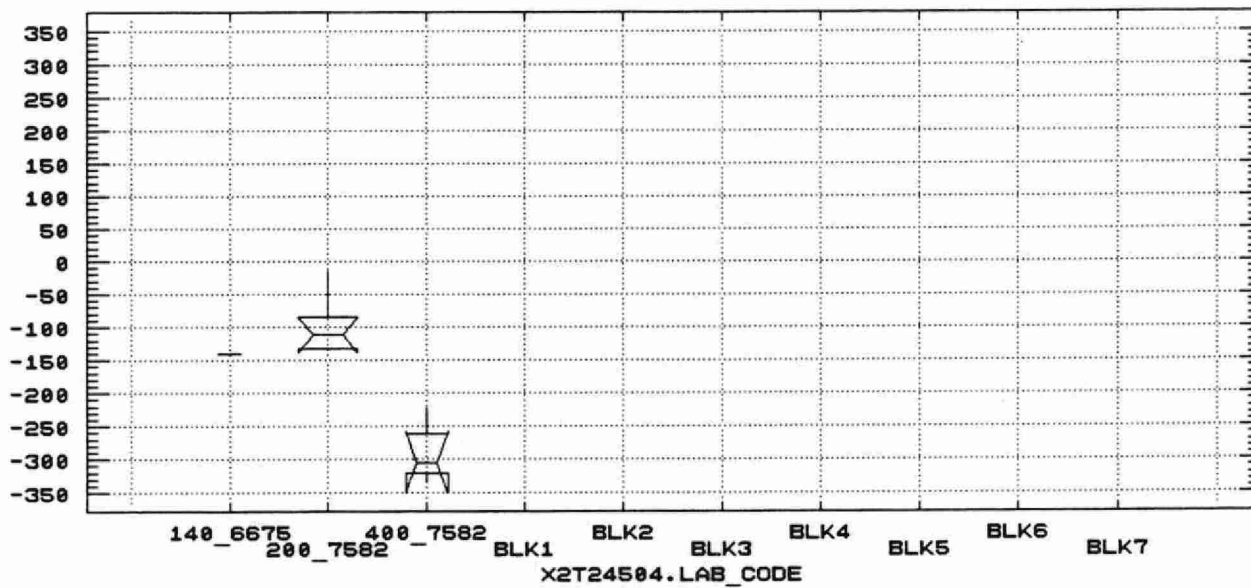
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X2T24503.DIFF



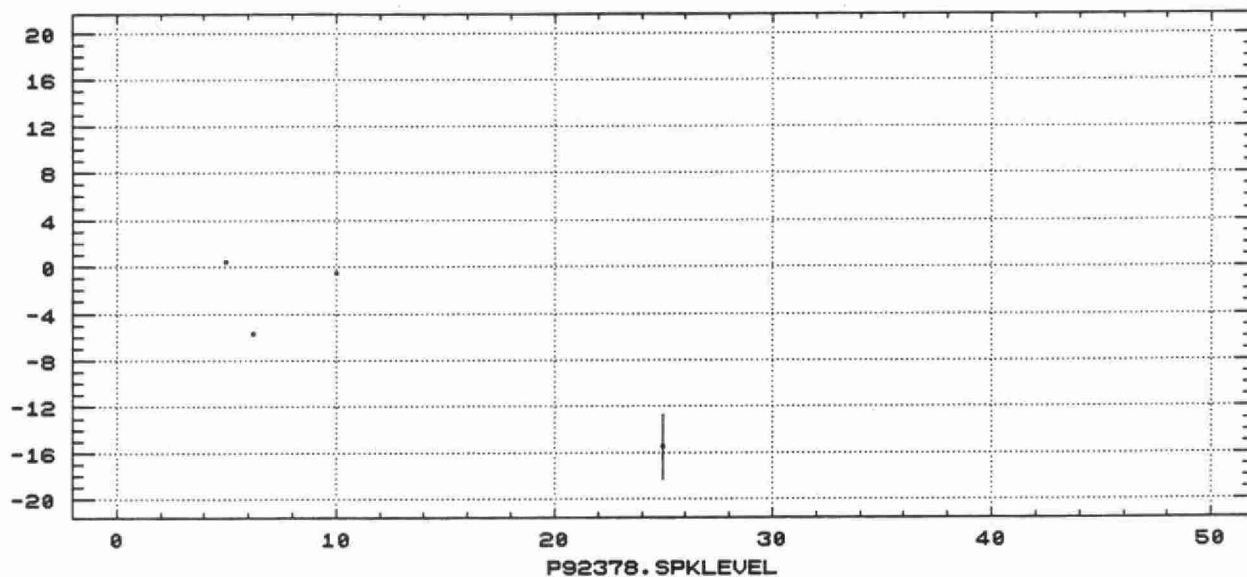
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X2T24504.DIFF



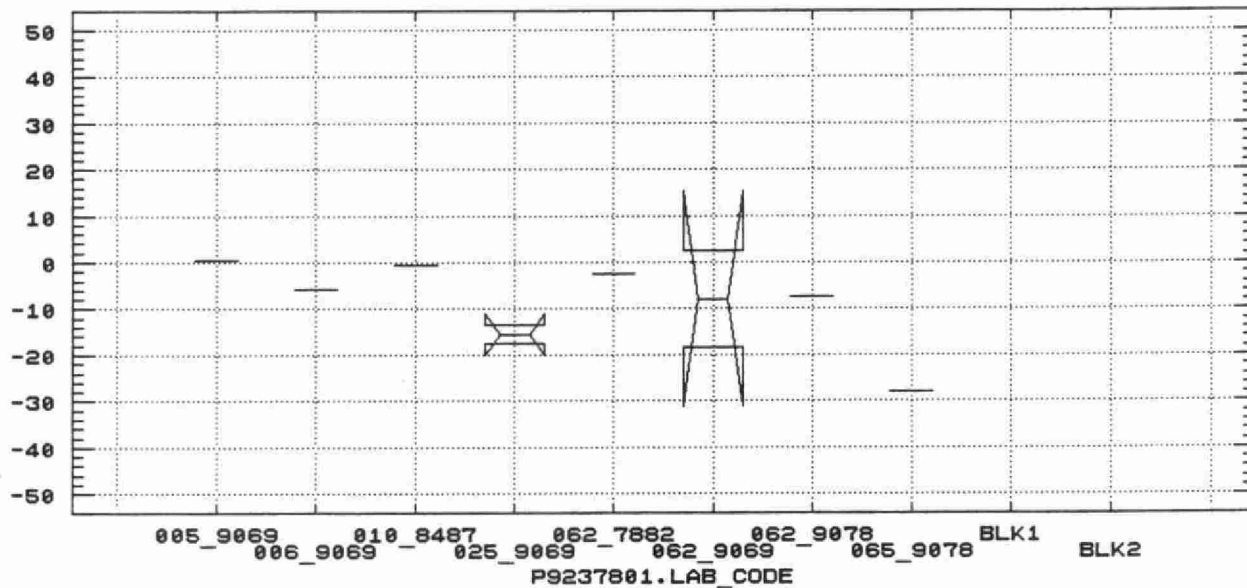
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P92378.AVG



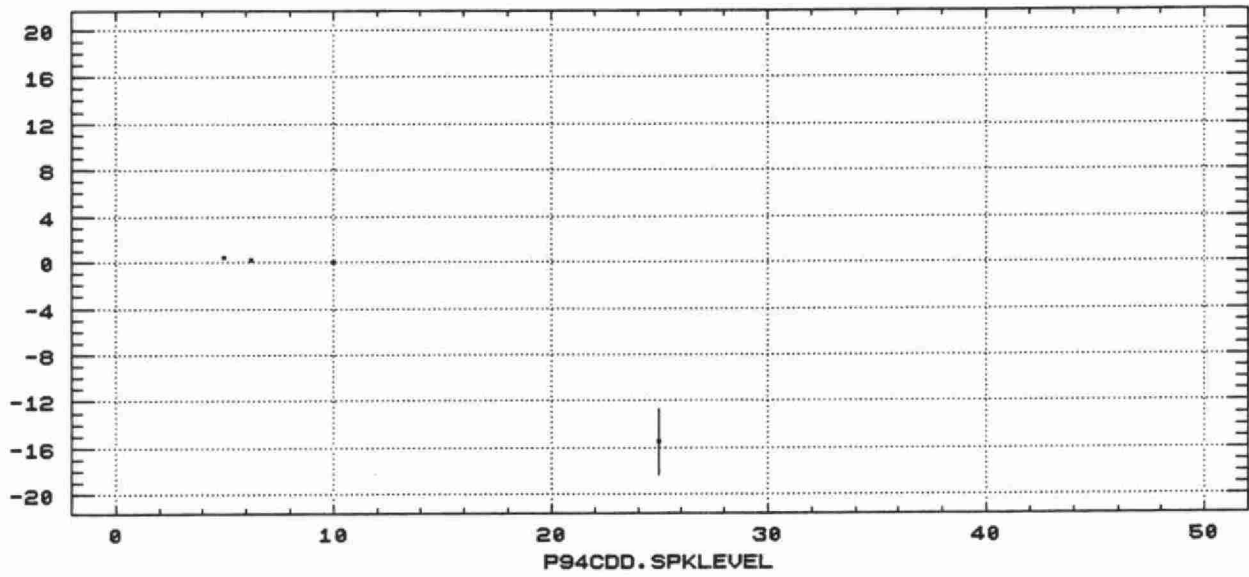
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P9237801.DIFF



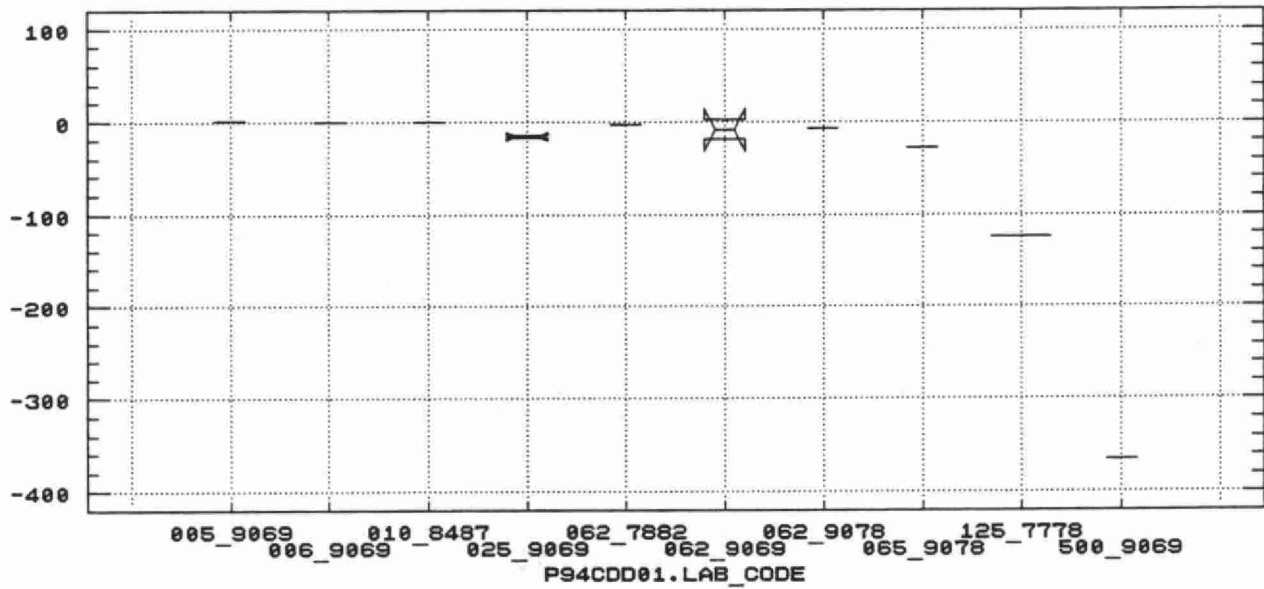
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P94CDD.AVG



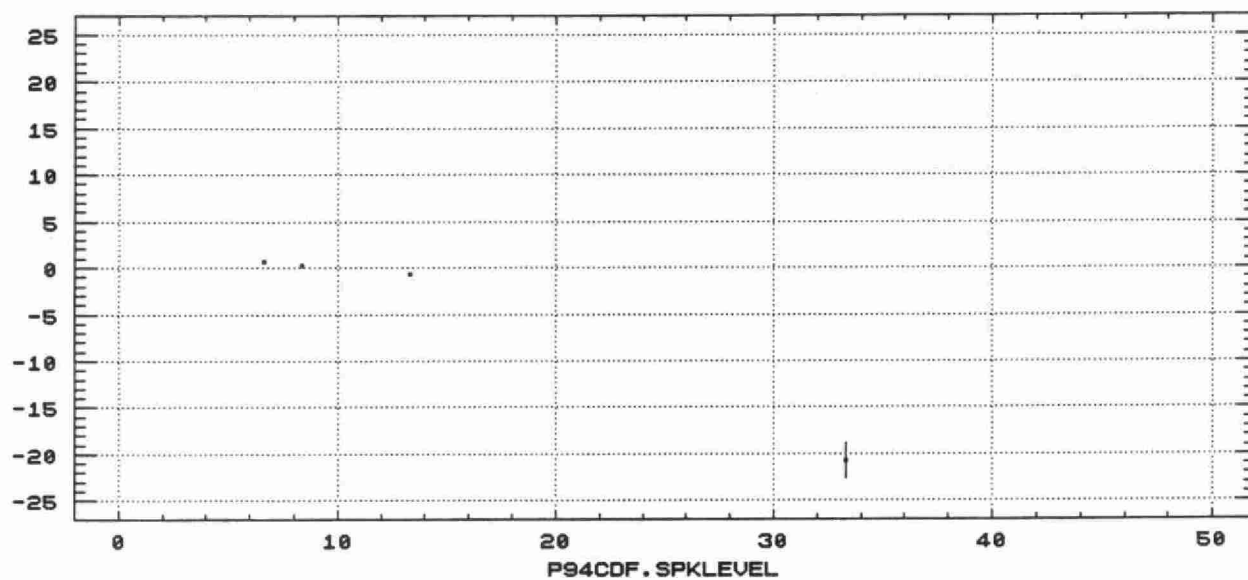
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P94CDD01.DIFF



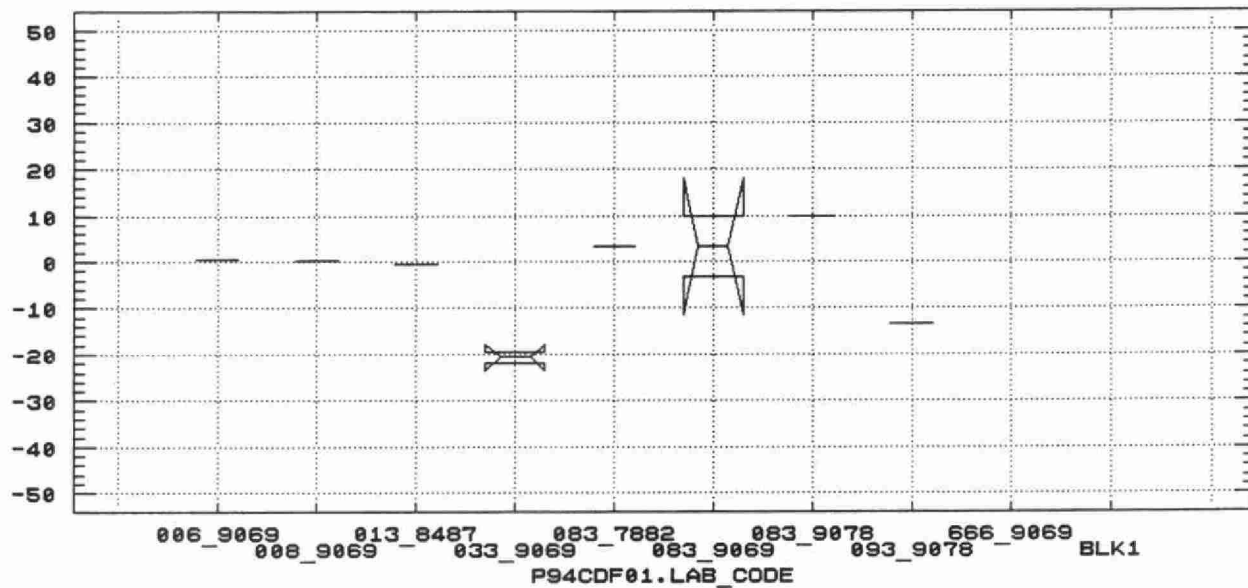
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P94CDF.AVG



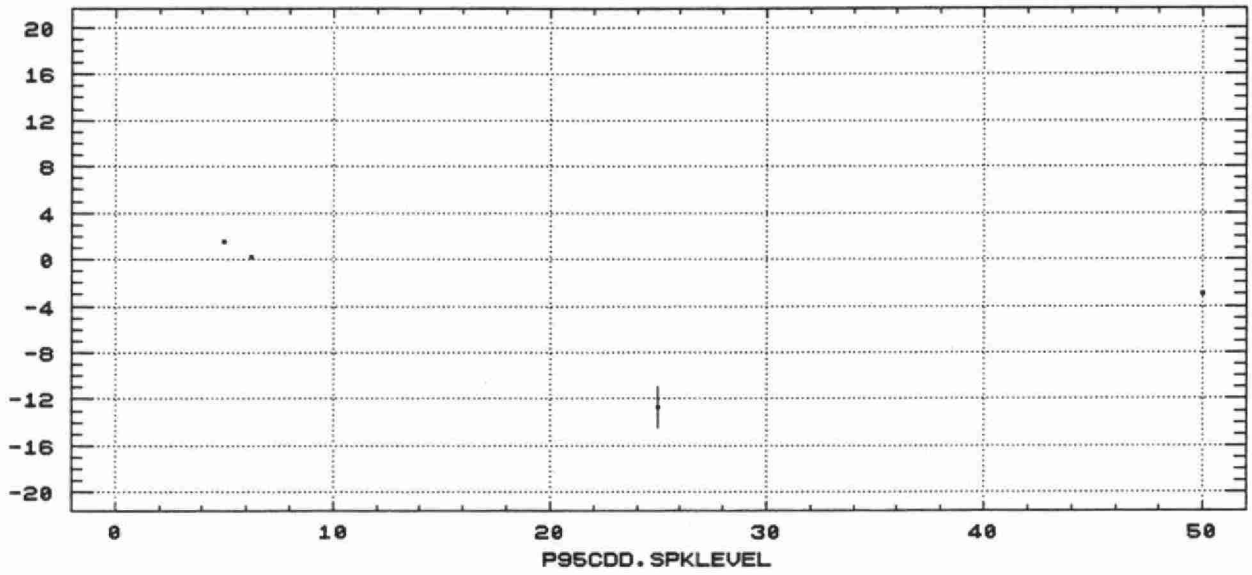
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P94CDF01.DIFF



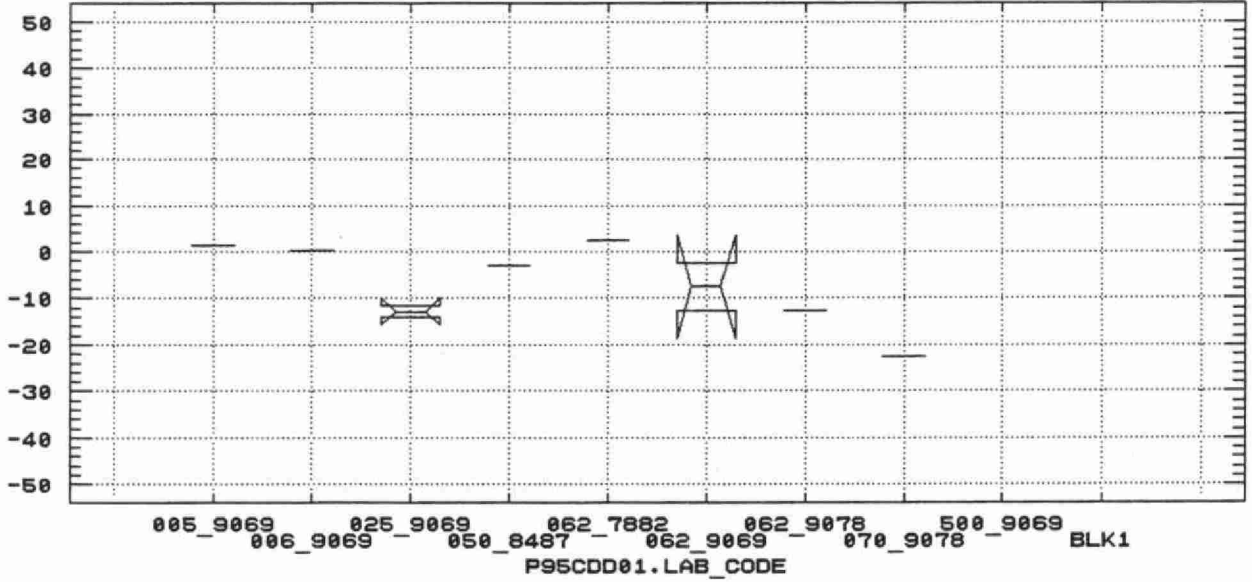
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P95CDD.AVG



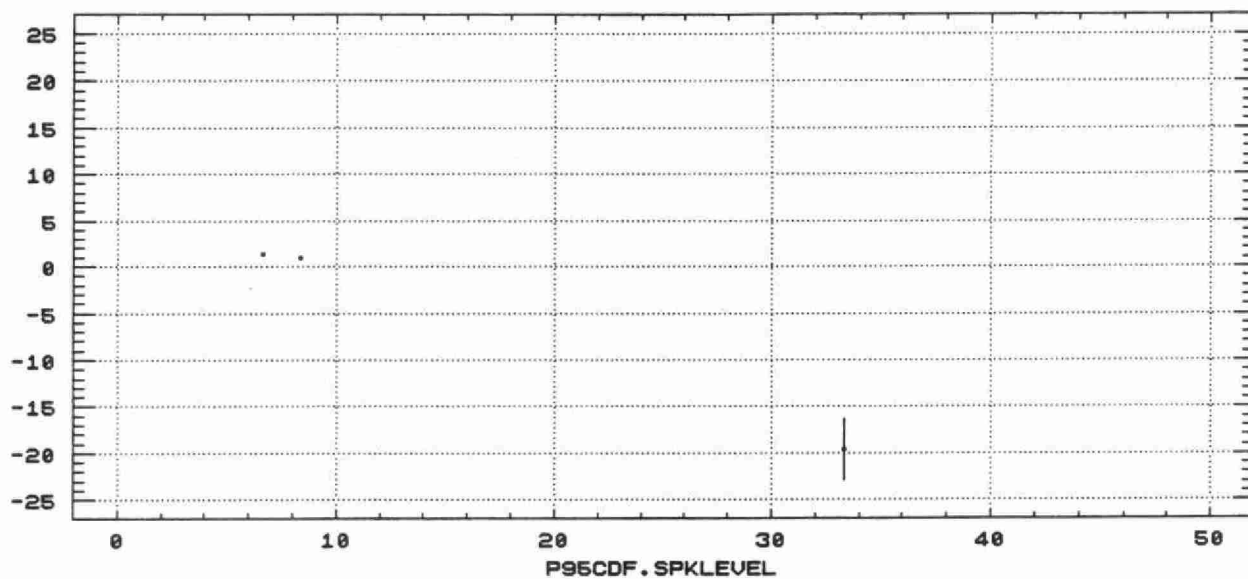
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P95CDD01.DIFF



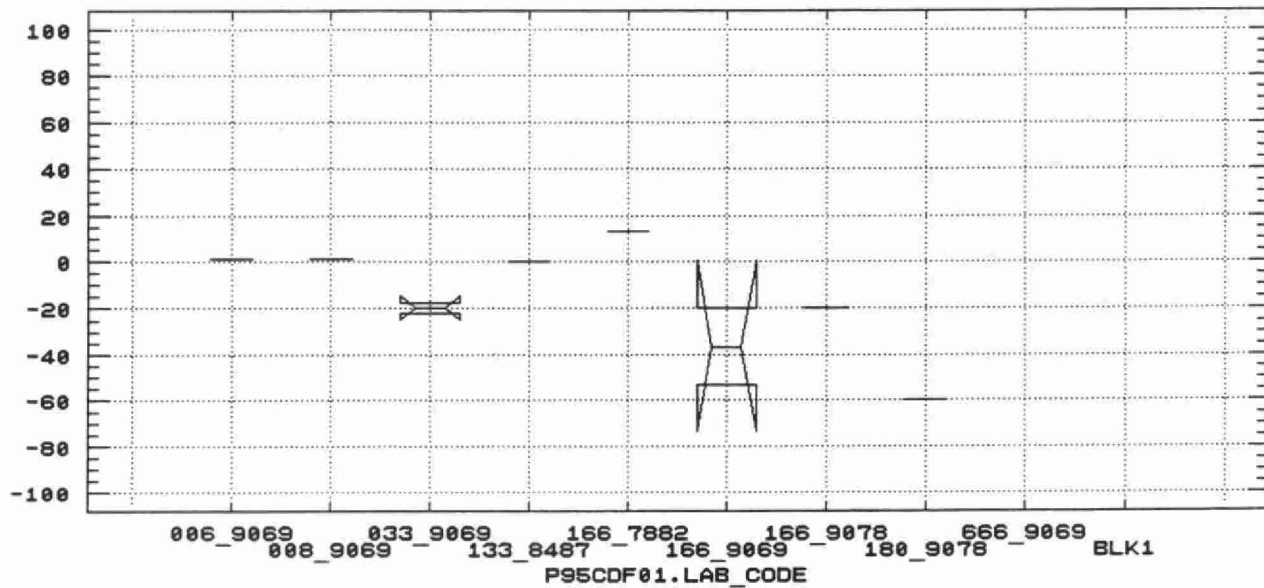
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P95CDF.AVG

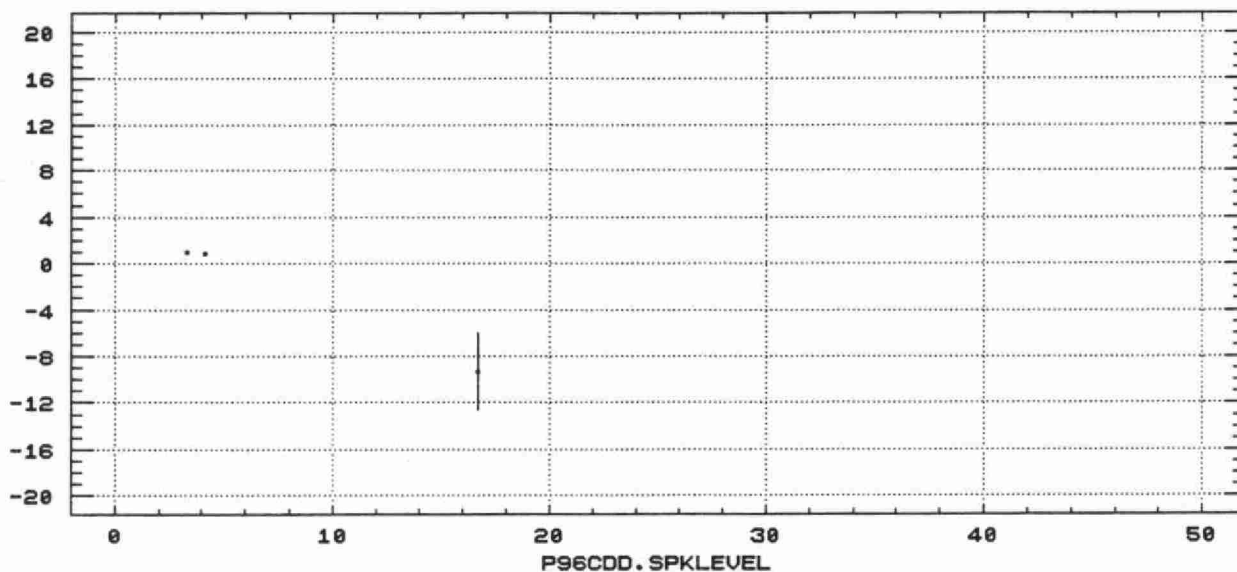


TRAVELLING SPIKED BLANKS

P95CDF01.DIFF

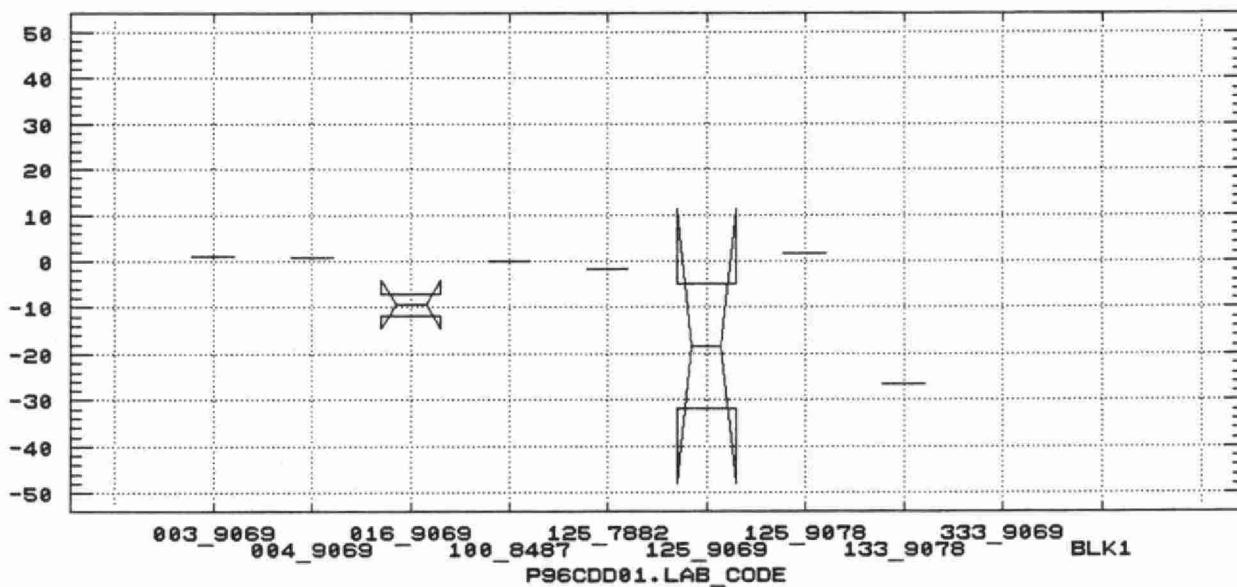


P96CDD.AVG



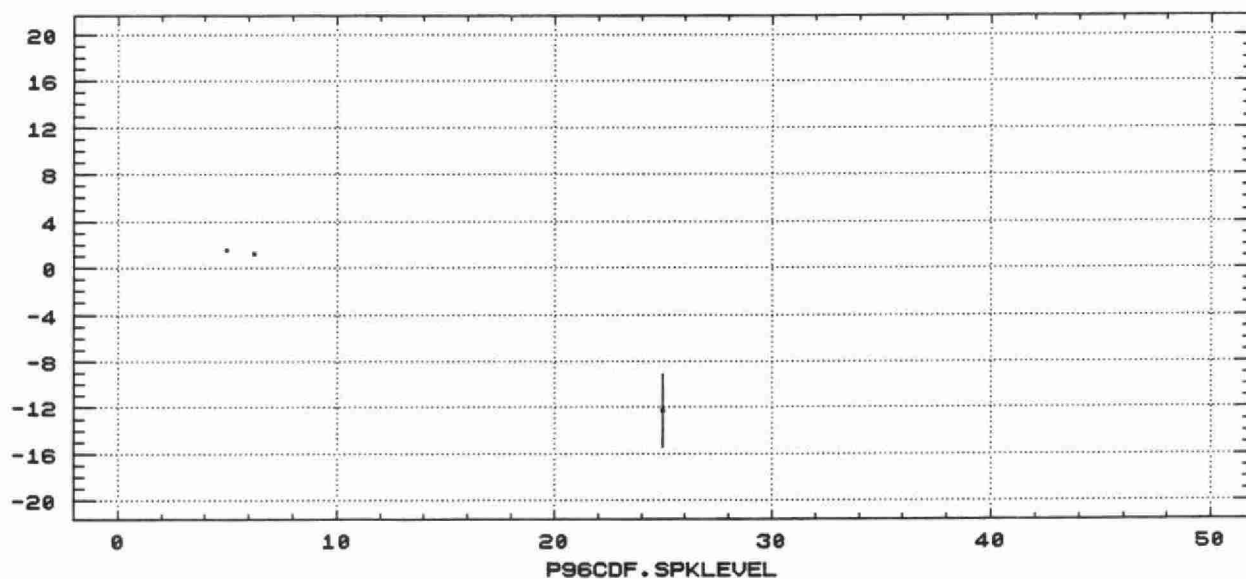
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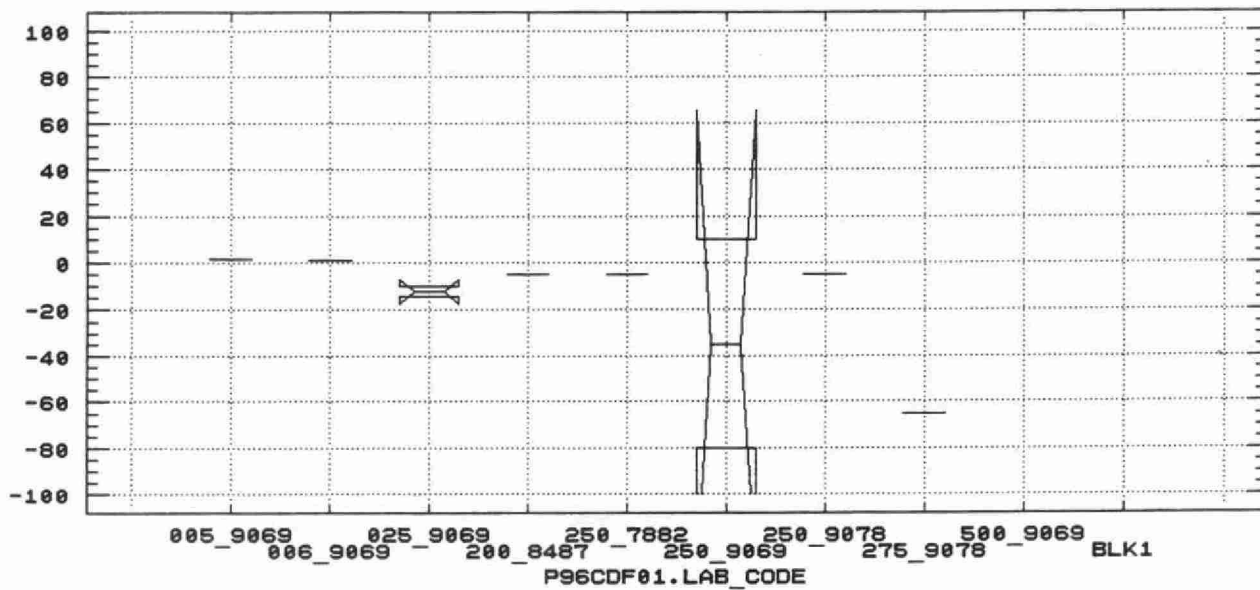
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P96CDF.AUG



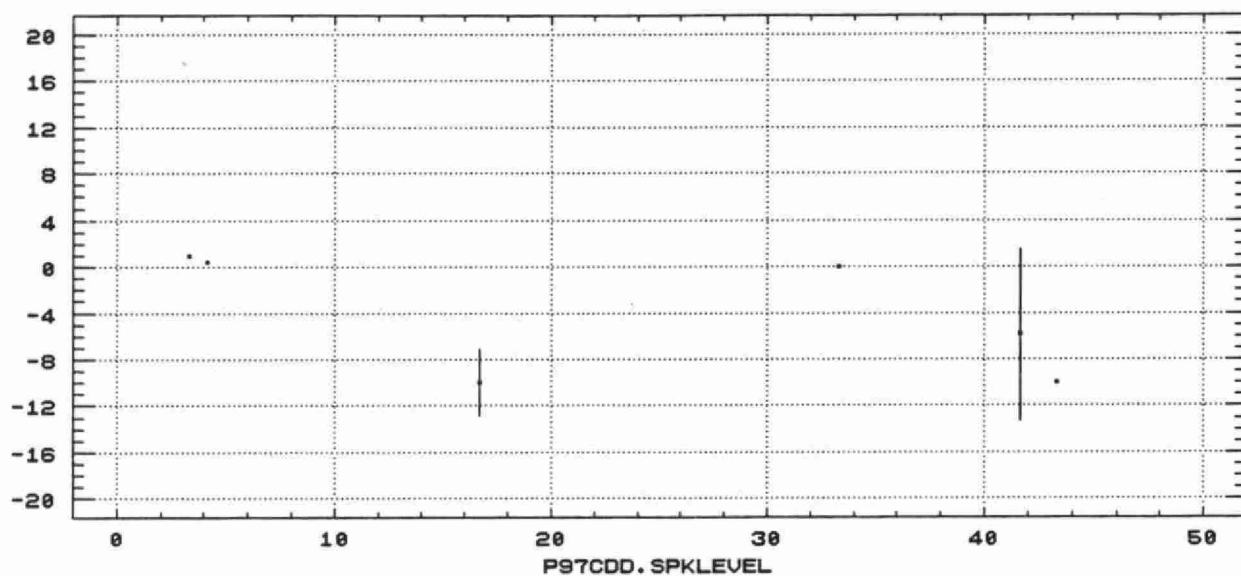
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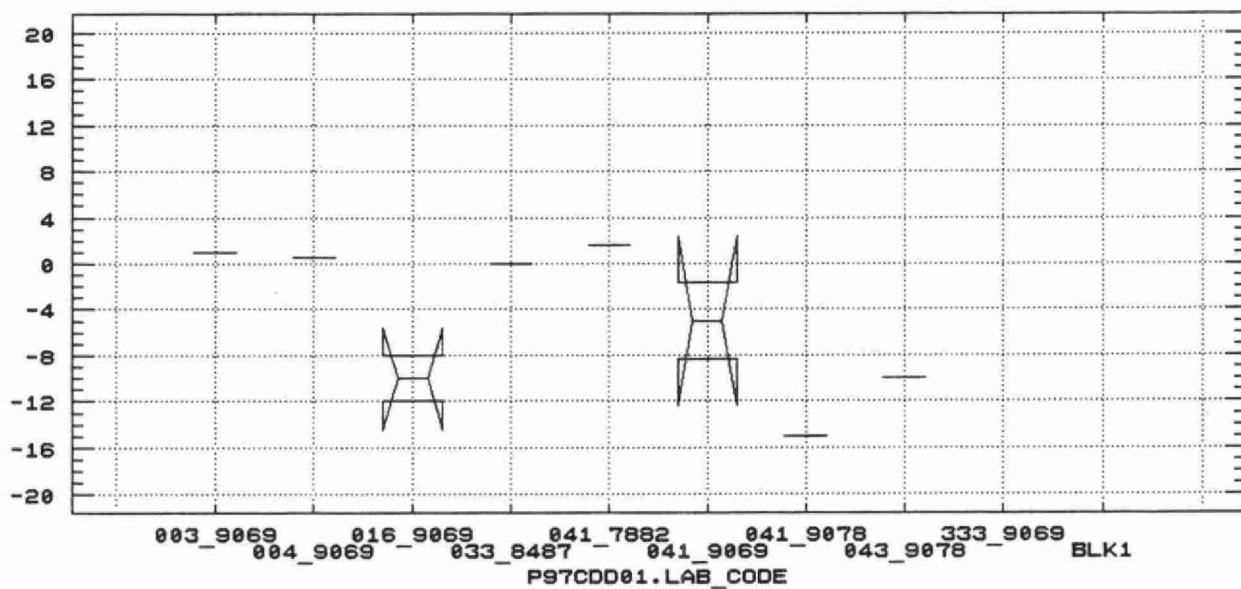
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P97CDD.AUG



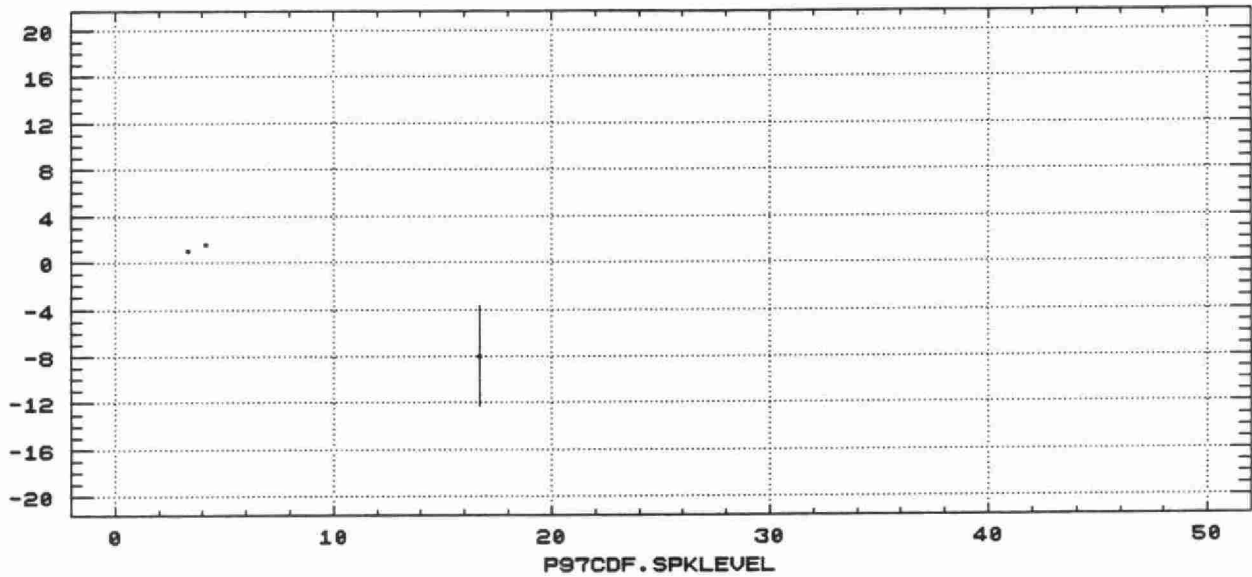
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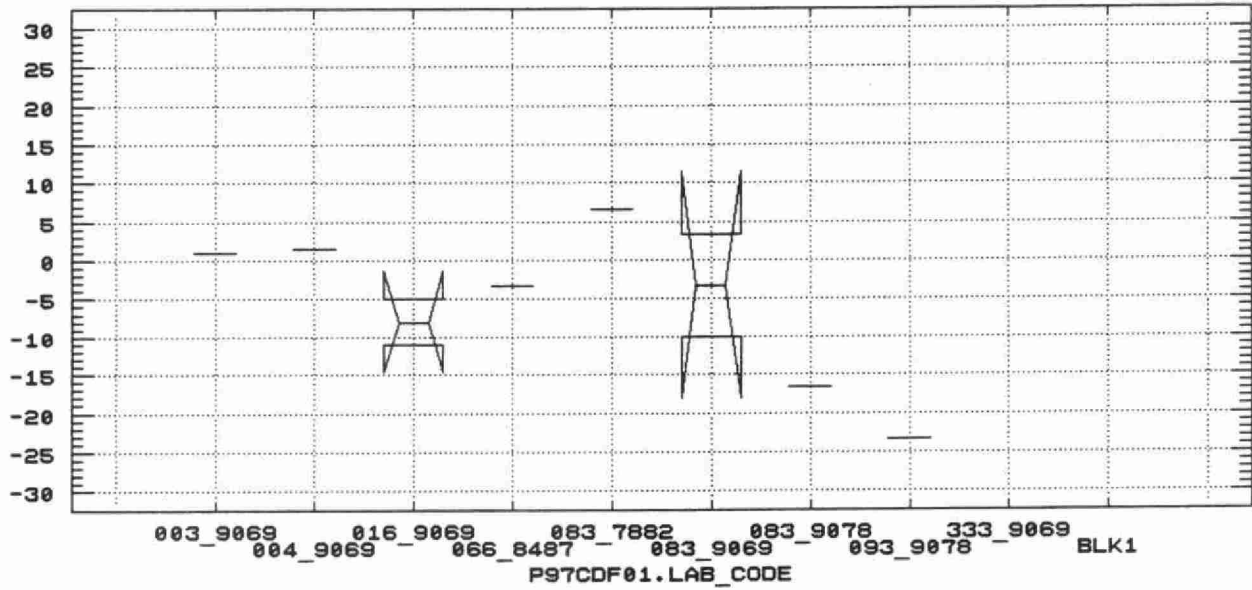
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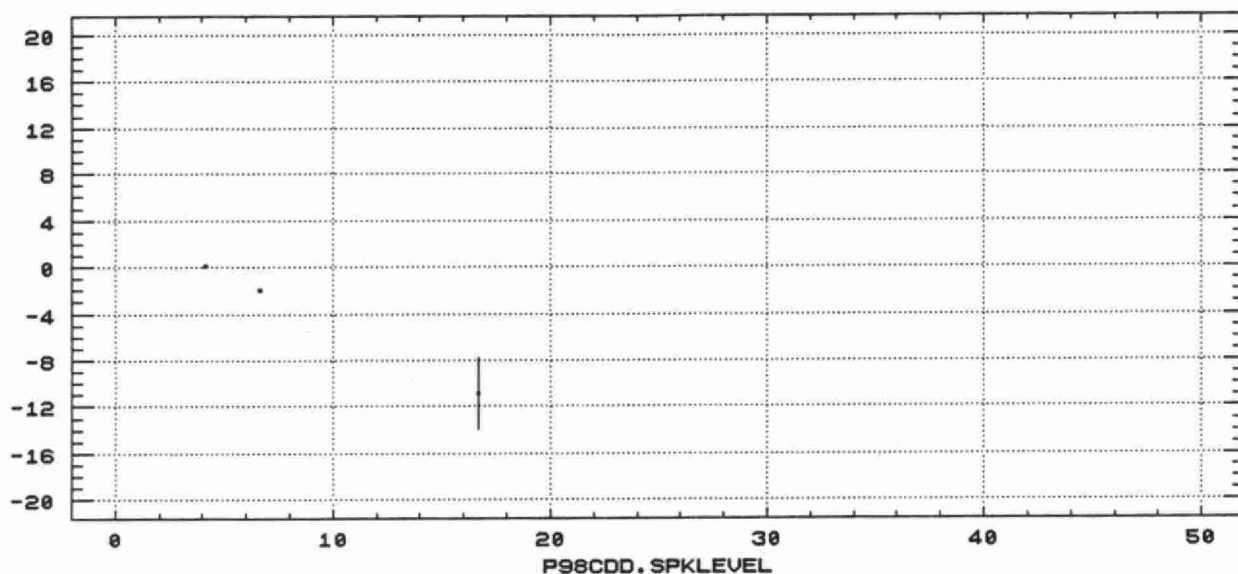
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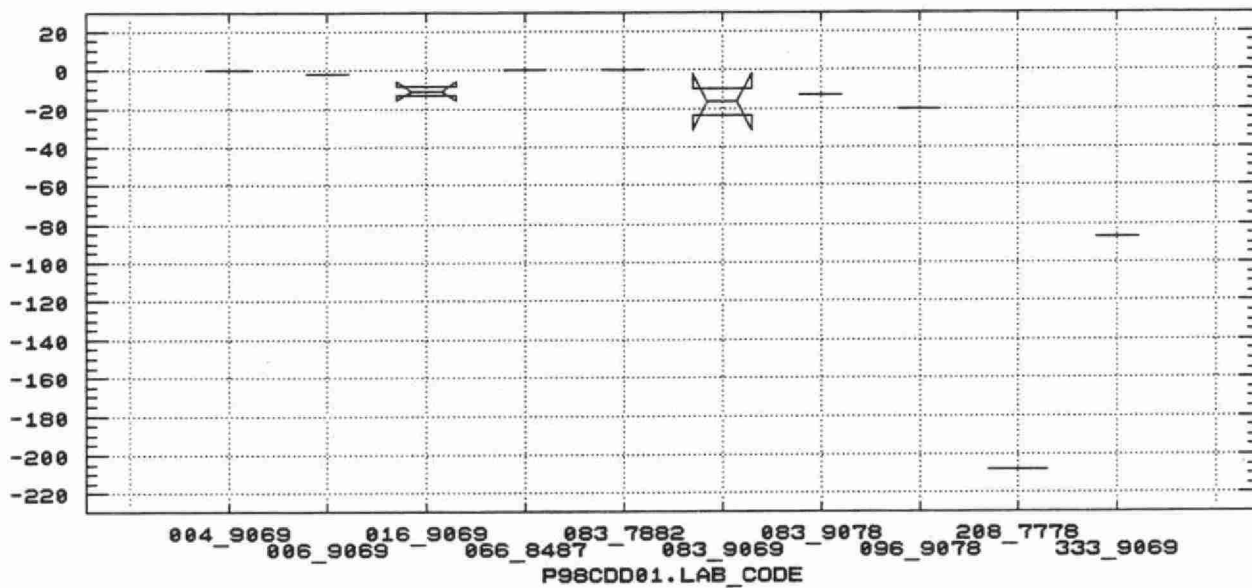
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P98CDD.AVG



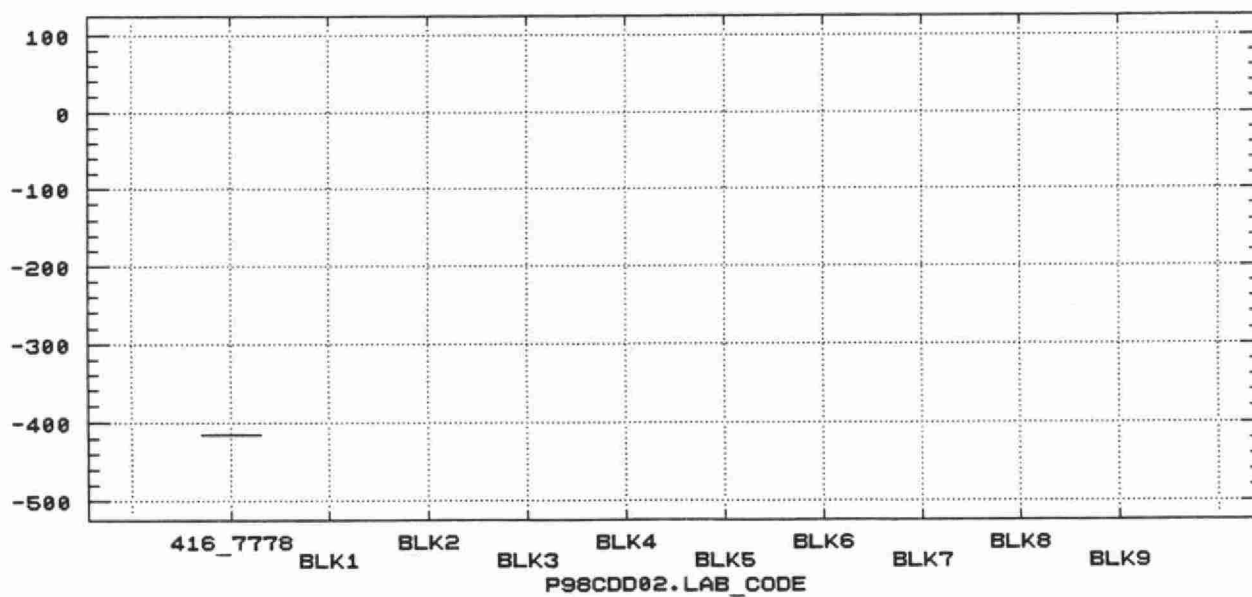
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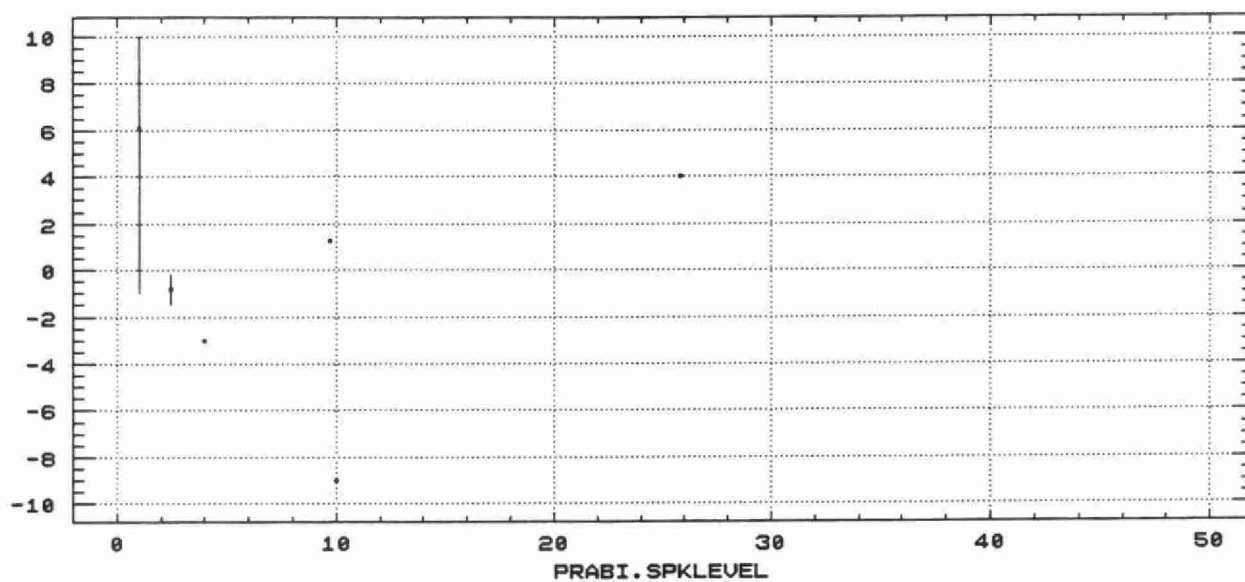
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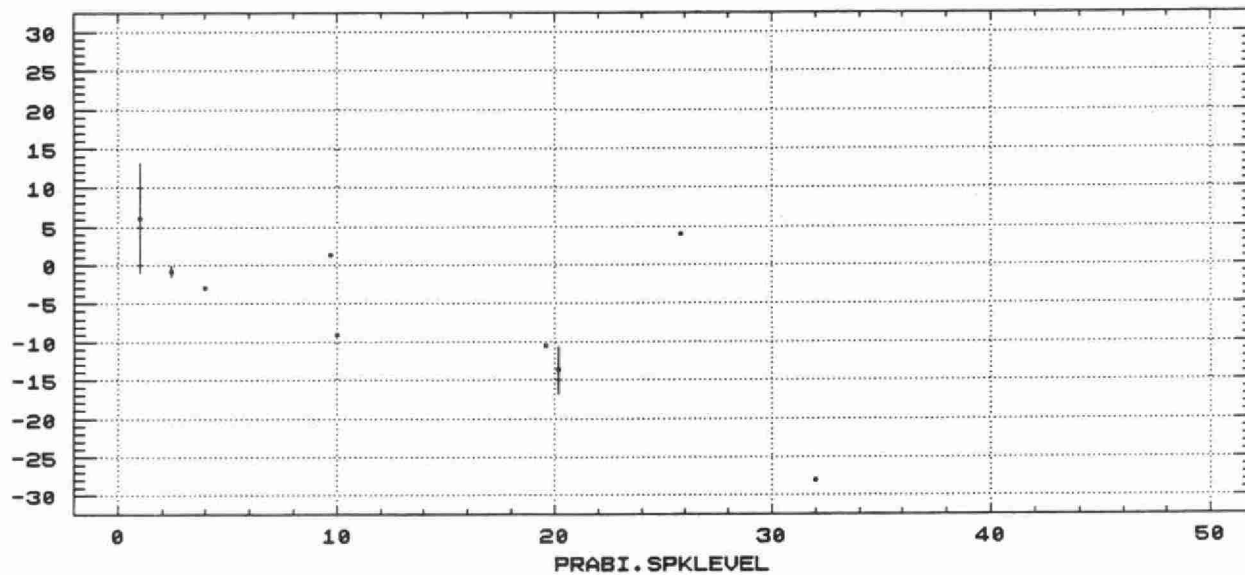
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PRABI.AVG



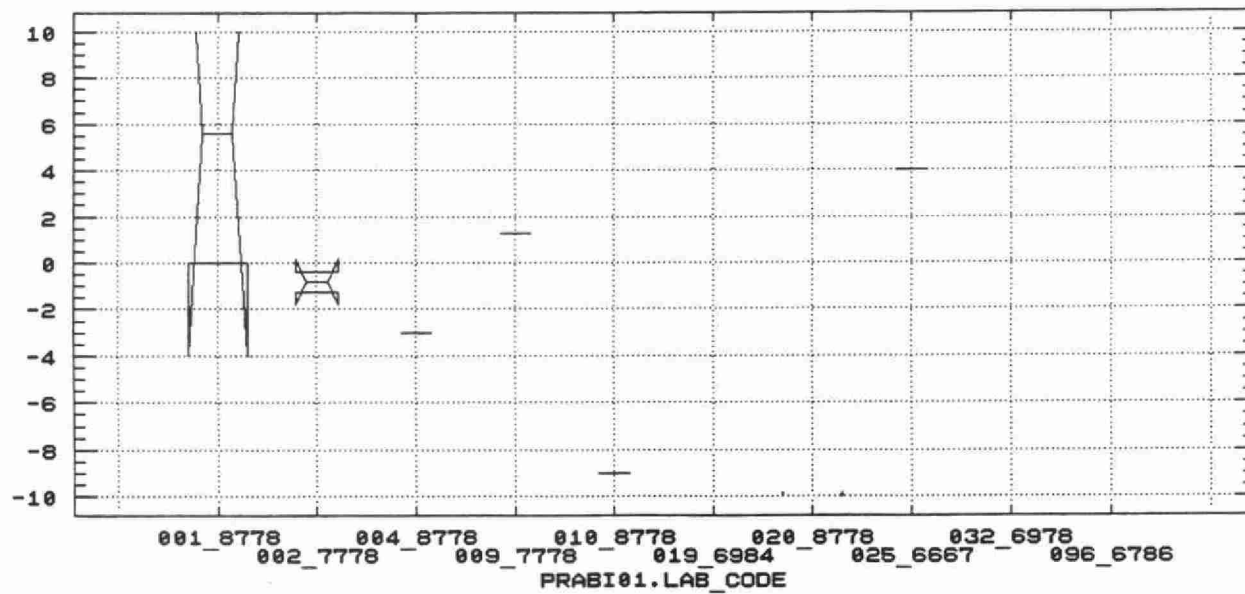
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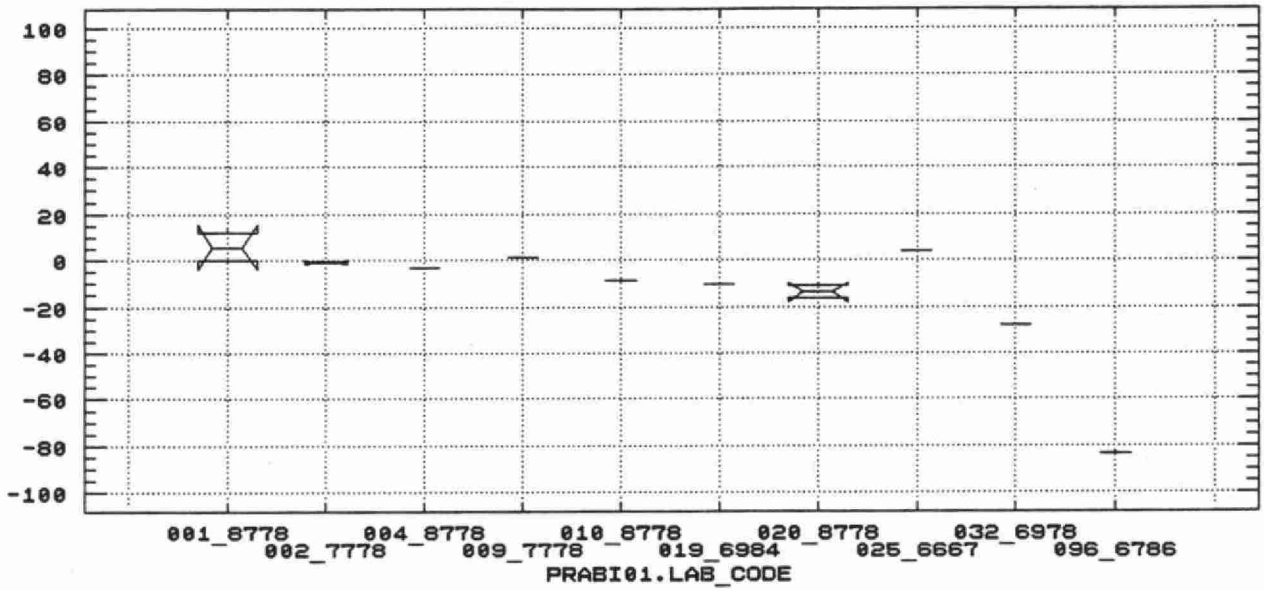
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PRABI01.DIFF



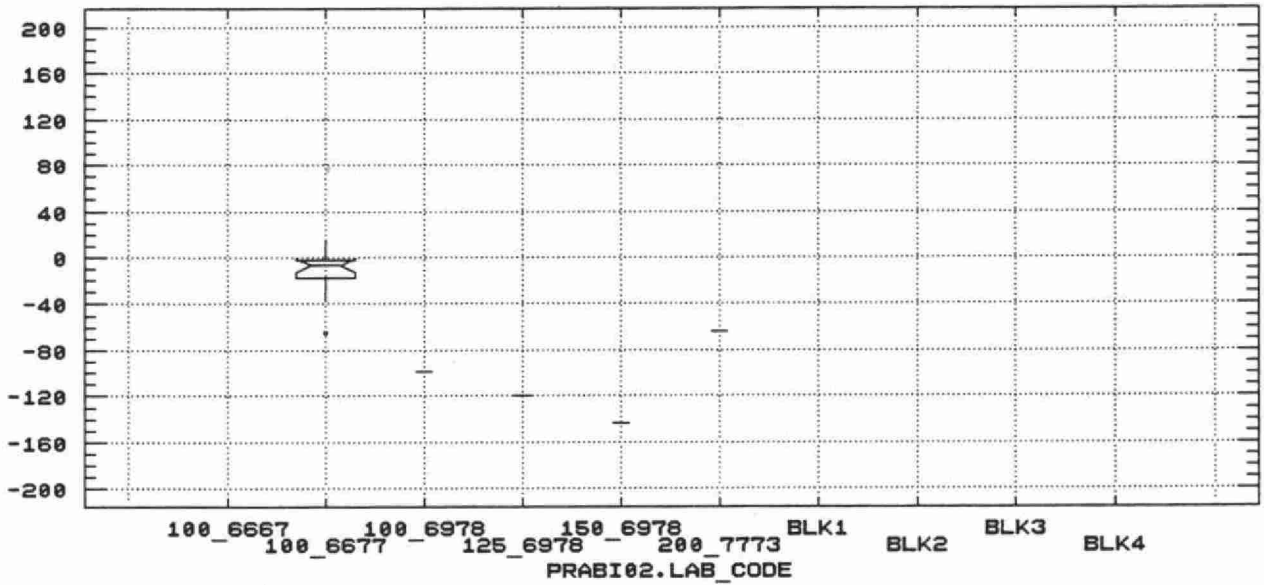
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PRABI01.DIFF



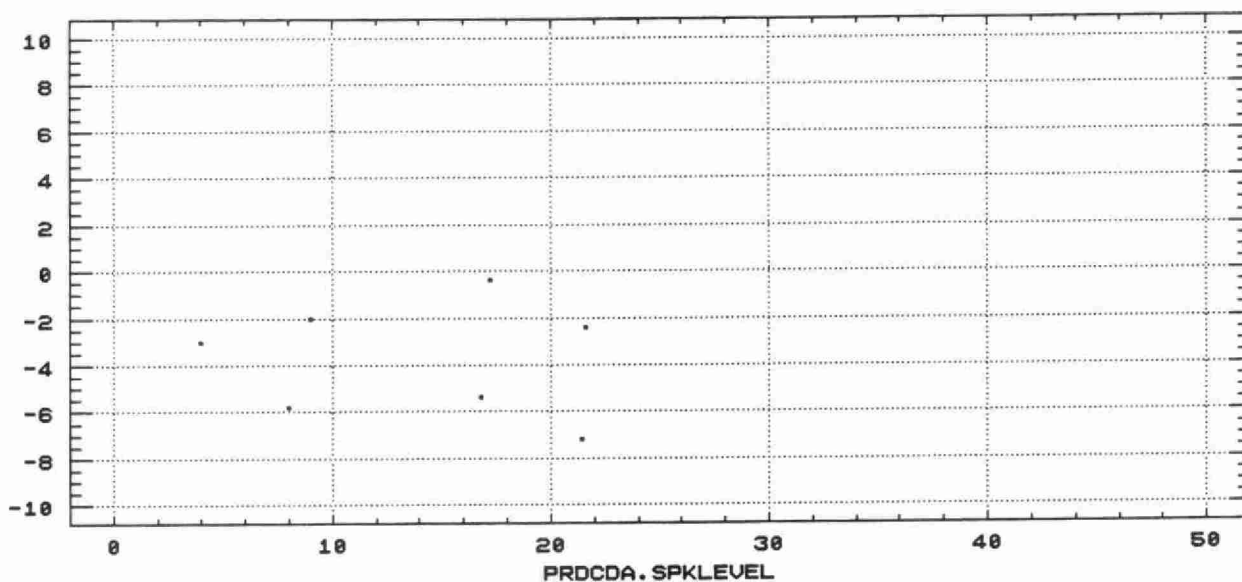
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PRABI02.DIFF



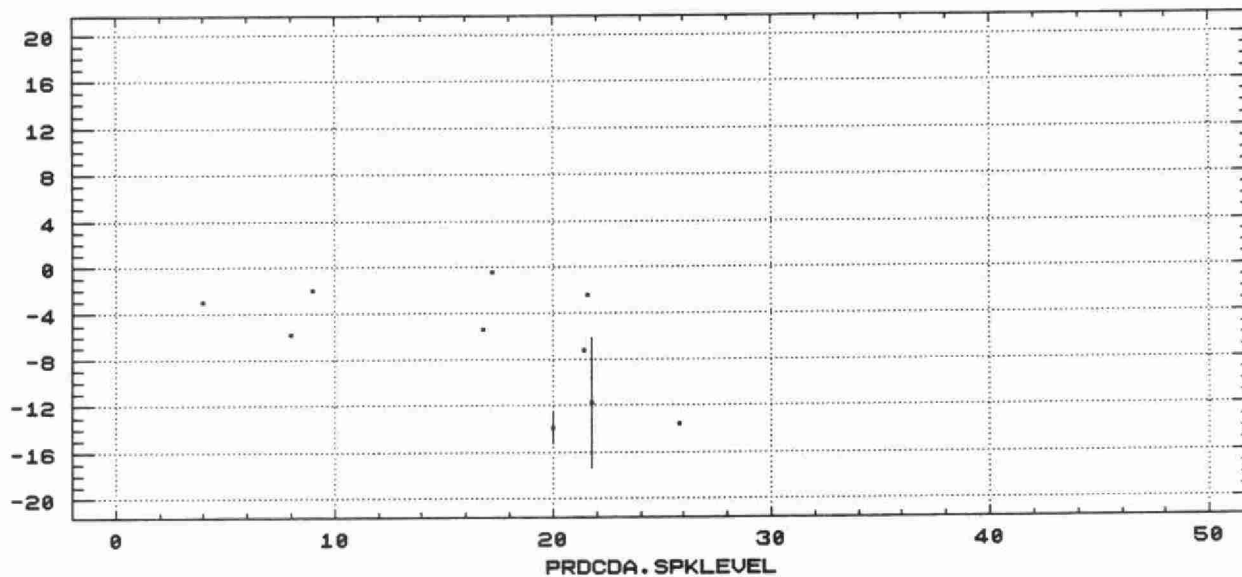
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PRDCDA.AVG



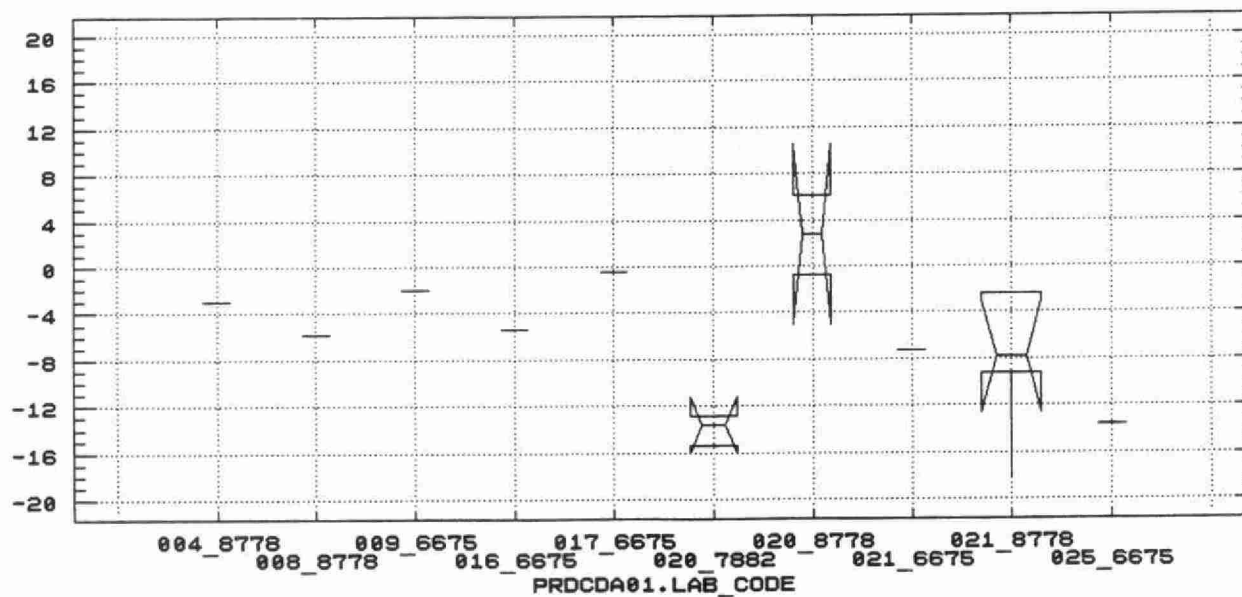
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PRDCDA.AVG



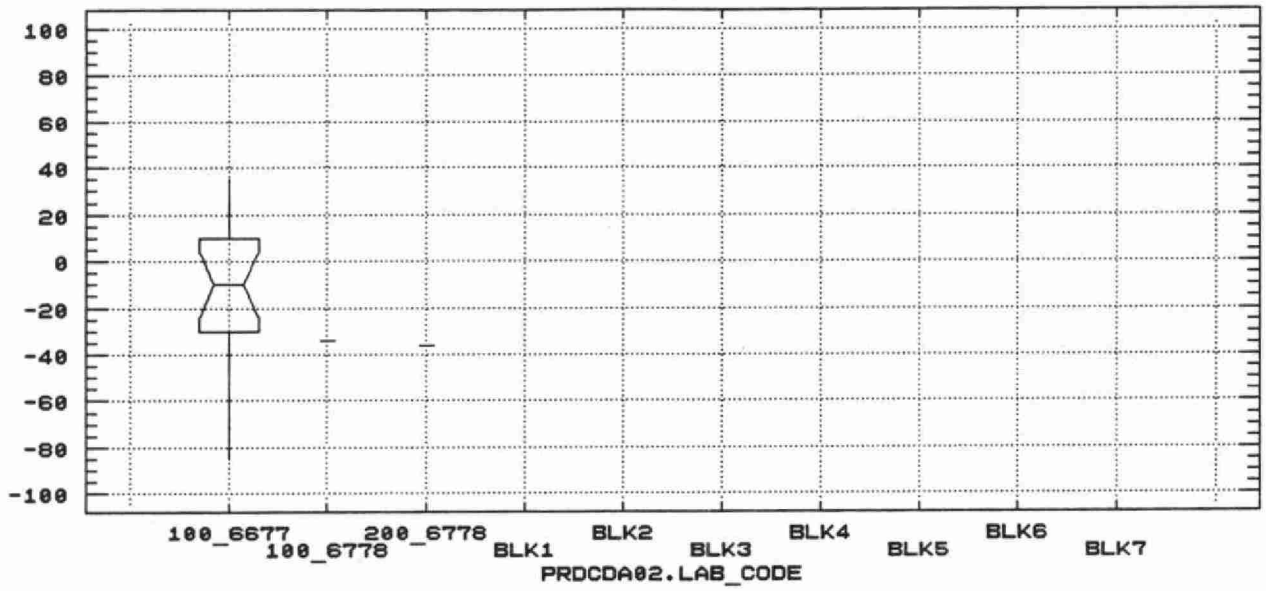
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PRDCDA01.DIFF

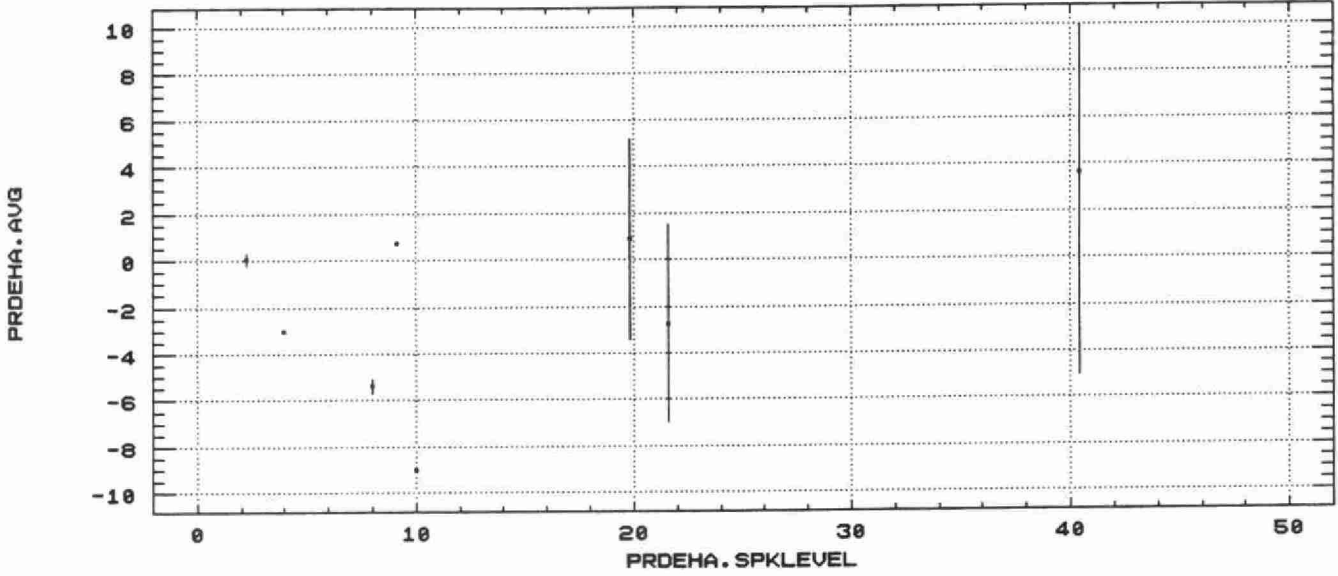


TRAVELLING SPIKED BLANKS

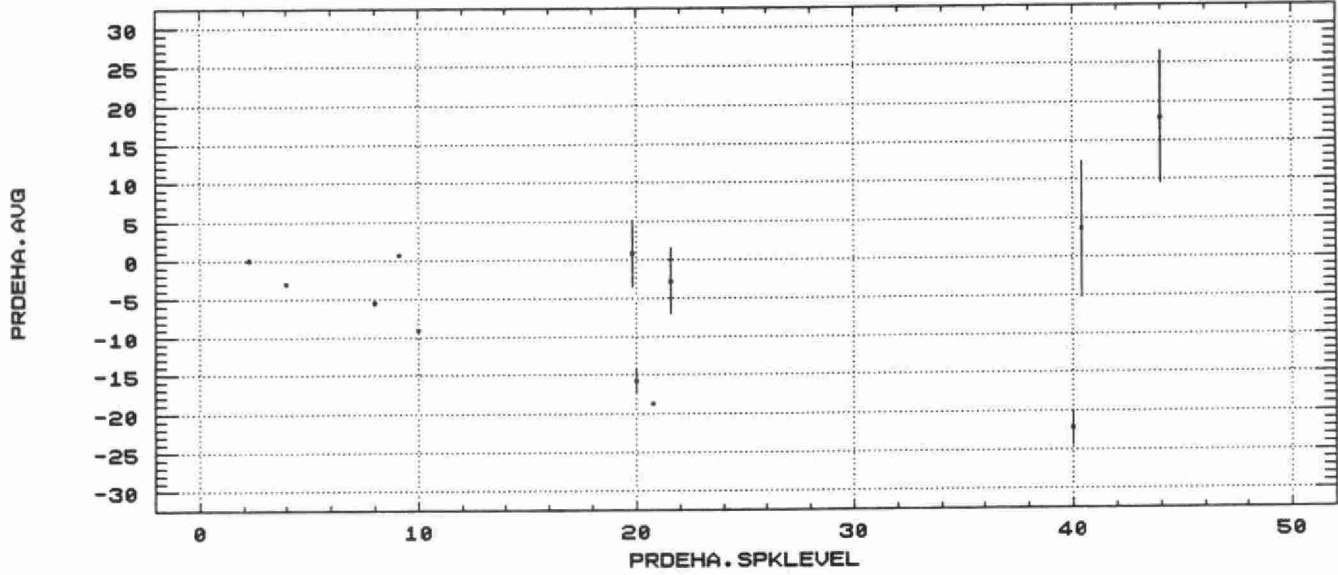
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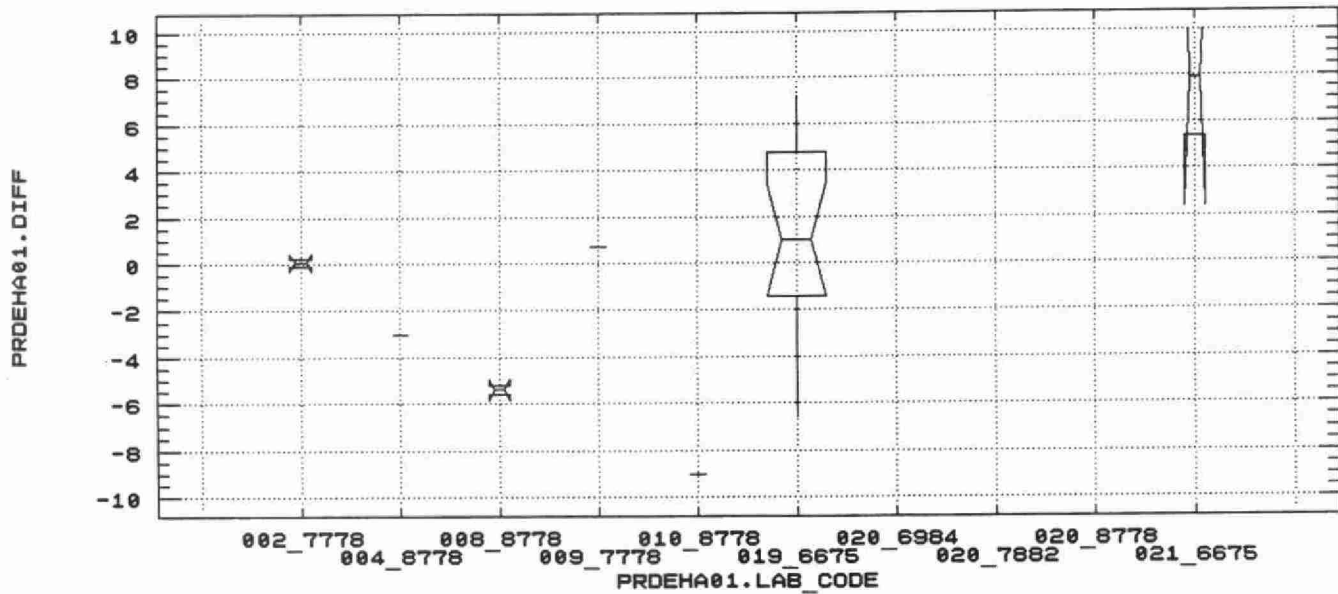
TRAVELLING SPIKED BLANKS



TRAVELLING SPIKED BLANKS

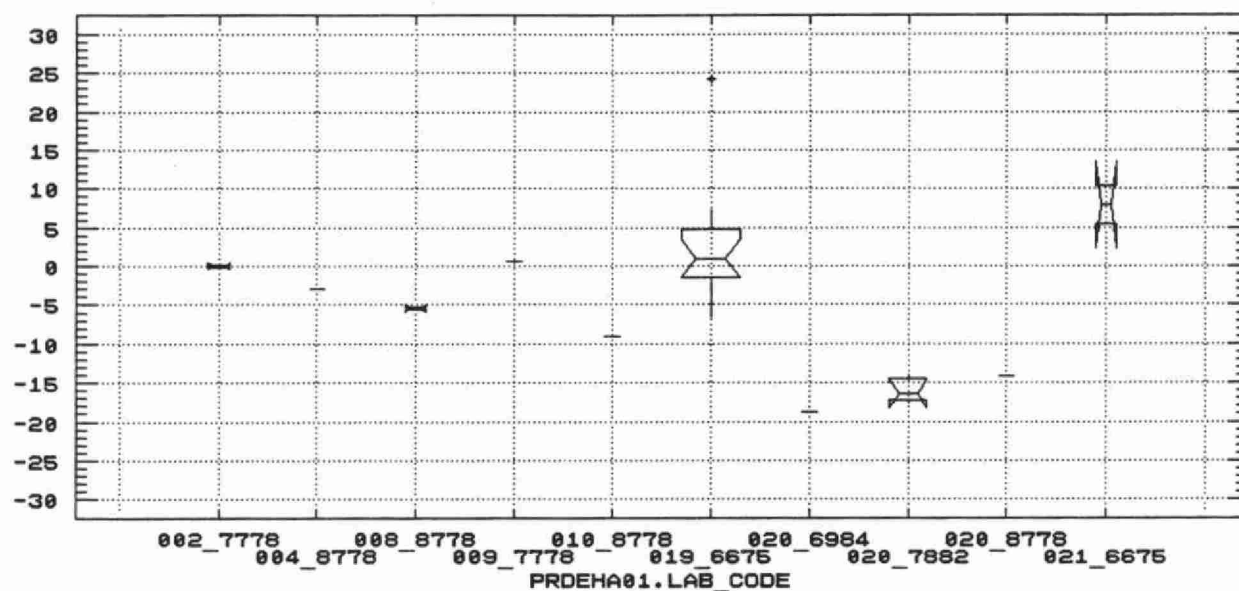


TRAVELLING SPIKED BLANKS



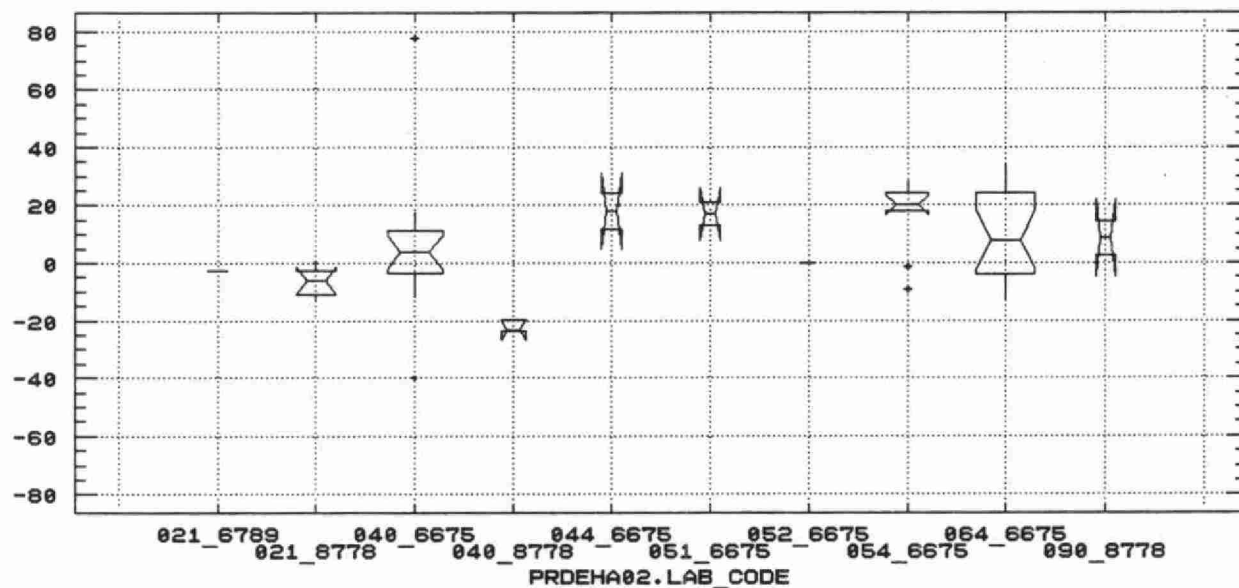
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PRDEHA01.DIFF



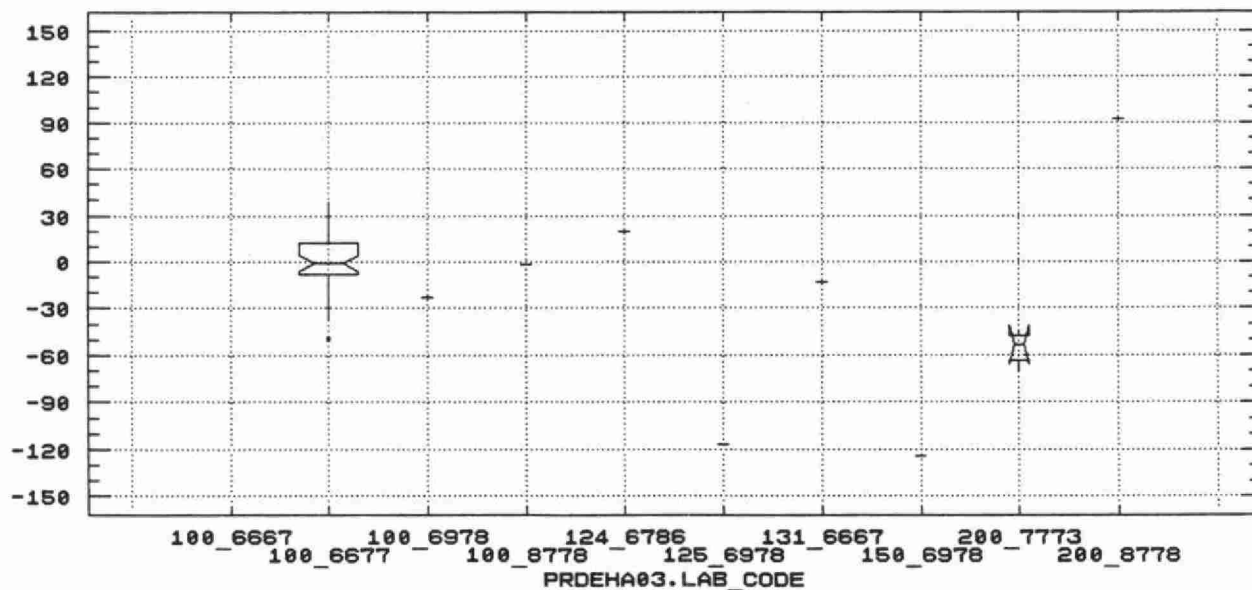
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PRDEHA02.DIFF



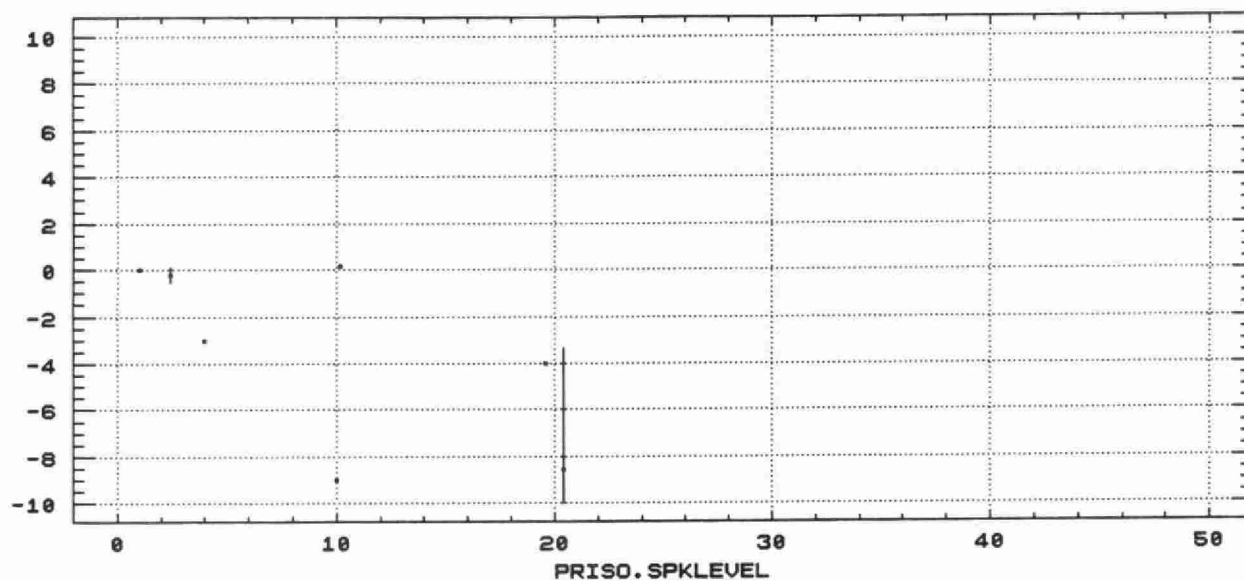
TRAVELLING SPIKED BLANKS

PRDEHA03.DIFF



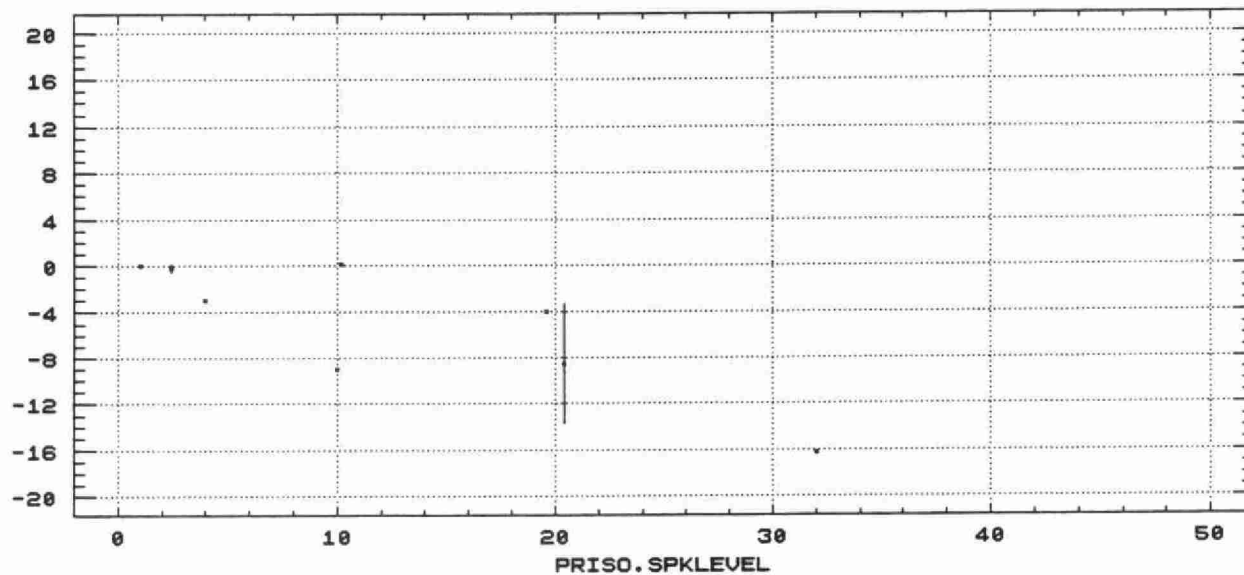
TRAVELLING SPIKED BLANKS

PRISO.AVG



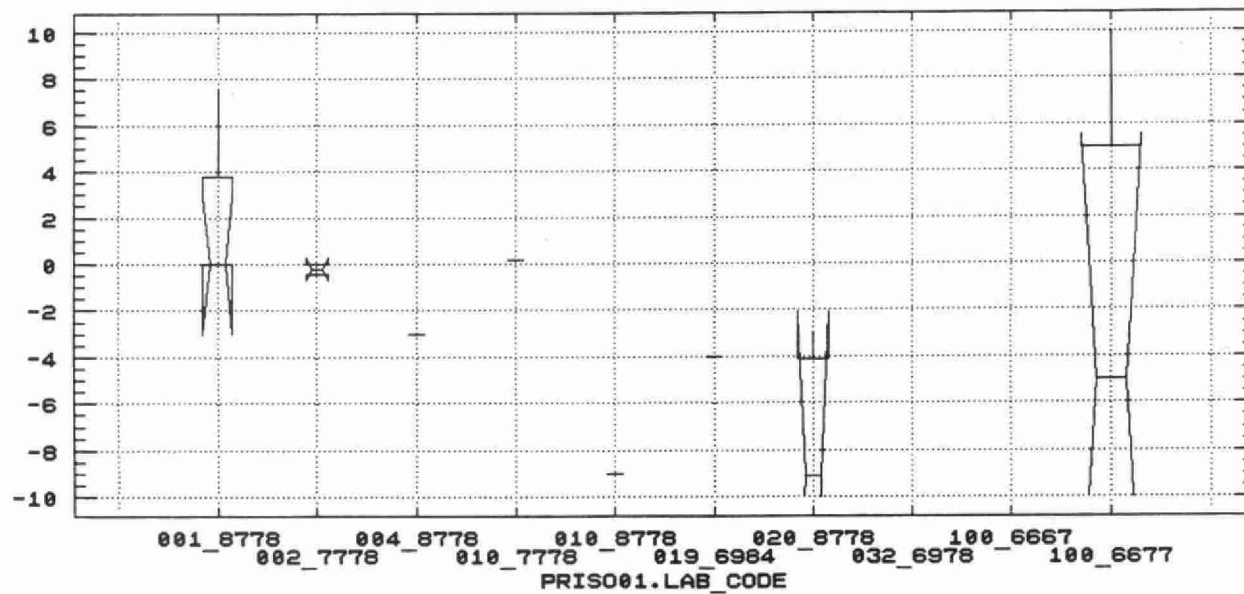
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PRISO.AVG



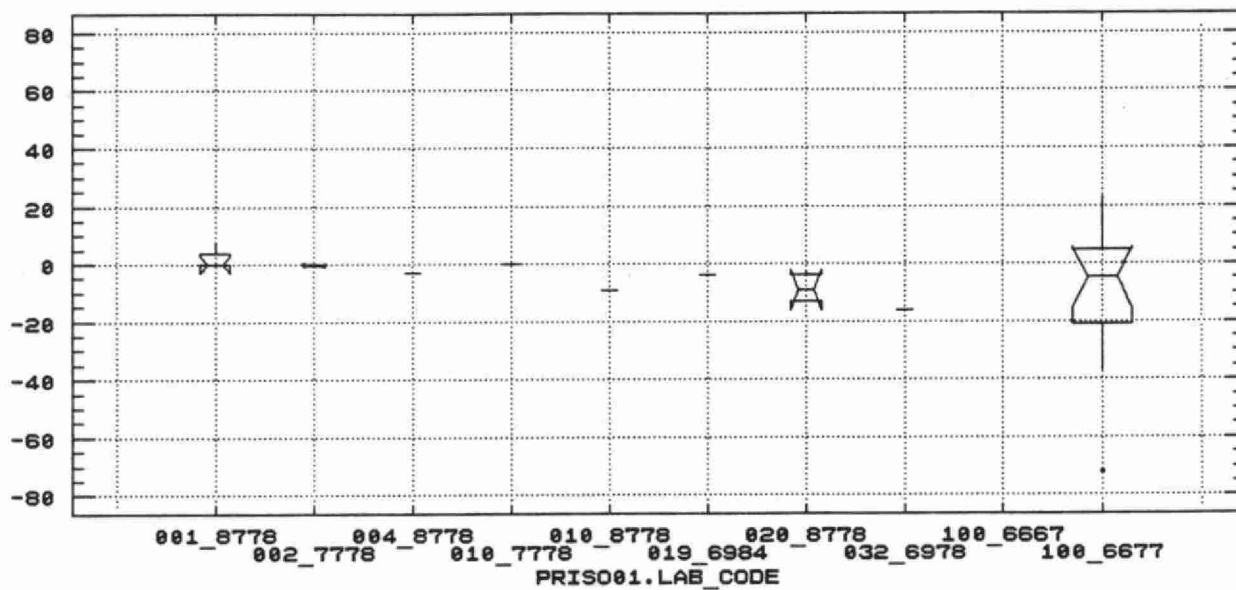
TRAVELLING SPIKED BLANKS

PRISO01.DIFF



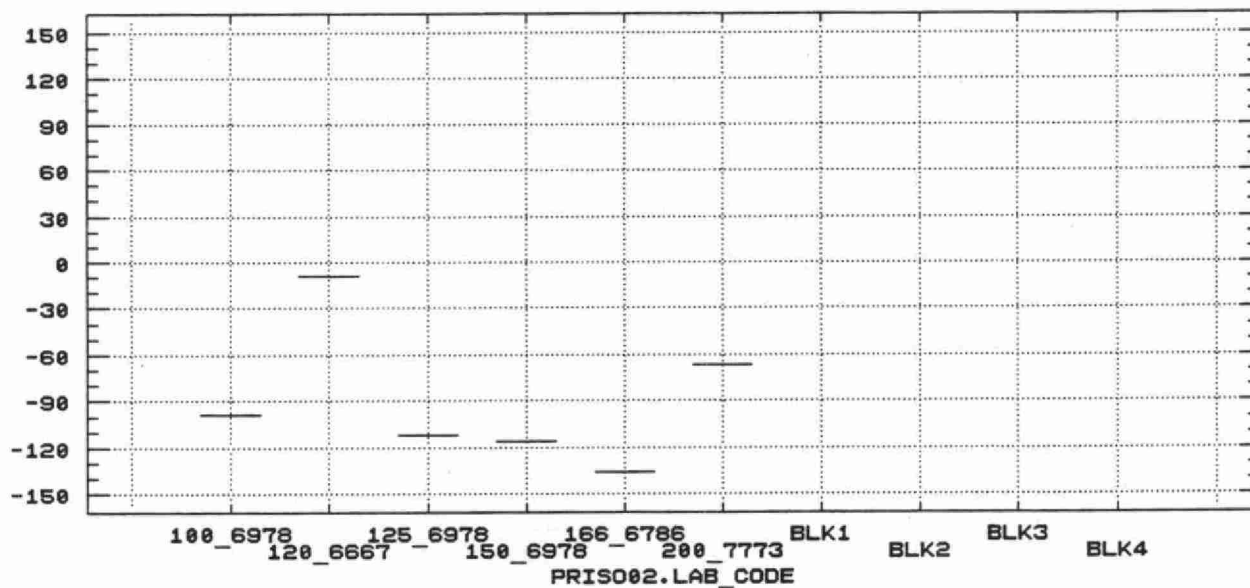
TRAVELLING SPIKED BLANKS

PRISO01.DIFF

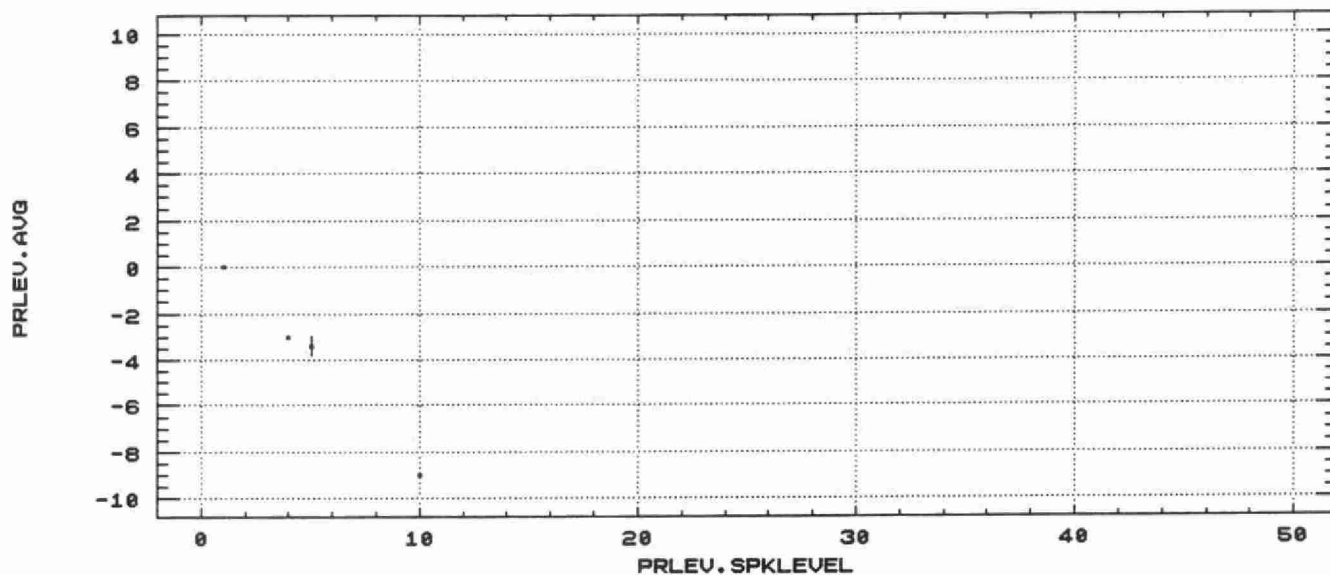


TRAVELLING SPIKED BLANKS

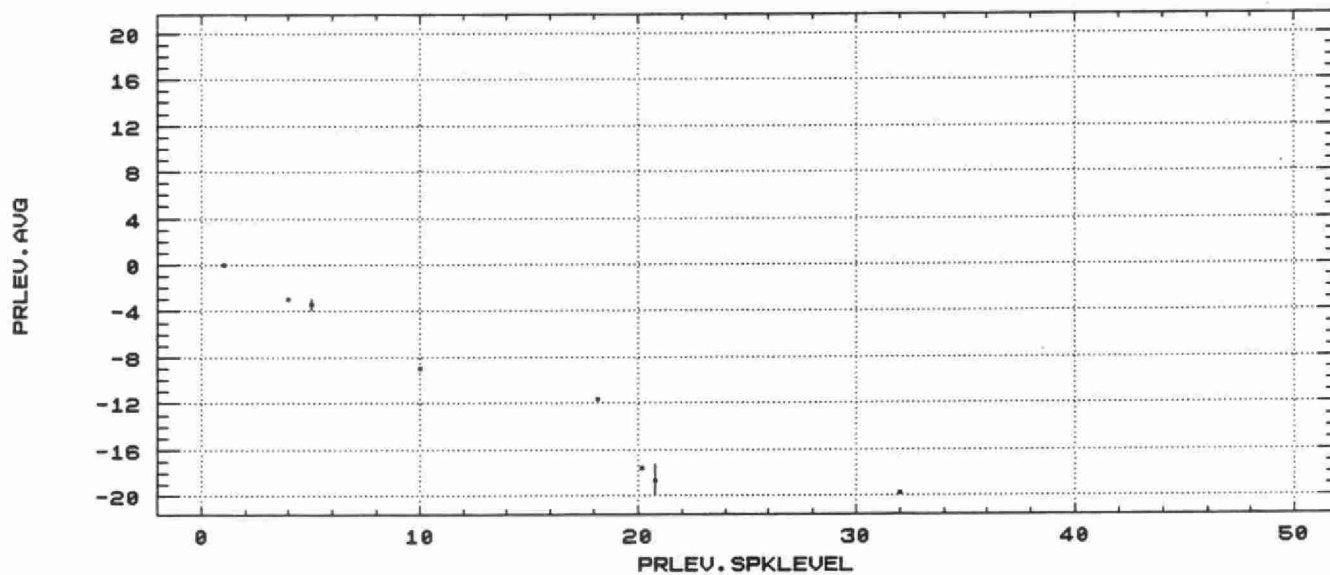
PRISO02.DIFF



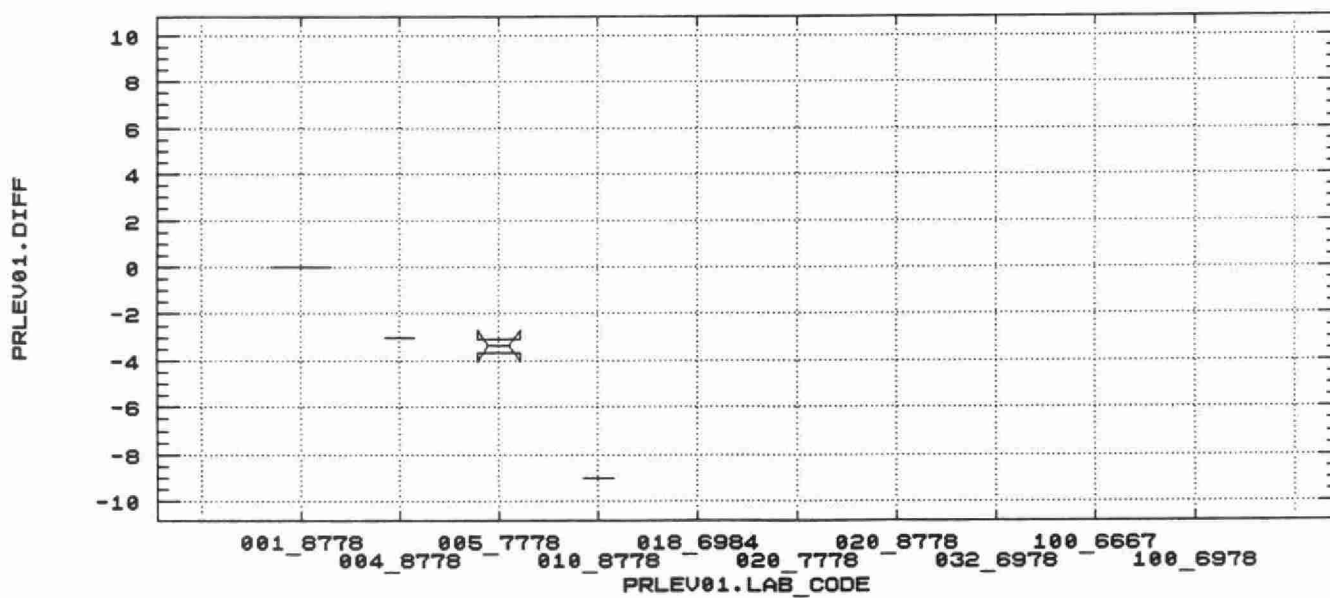
TRAVELLING SPIKED BLANKS



TRAVELLING SPIKED BLANKS

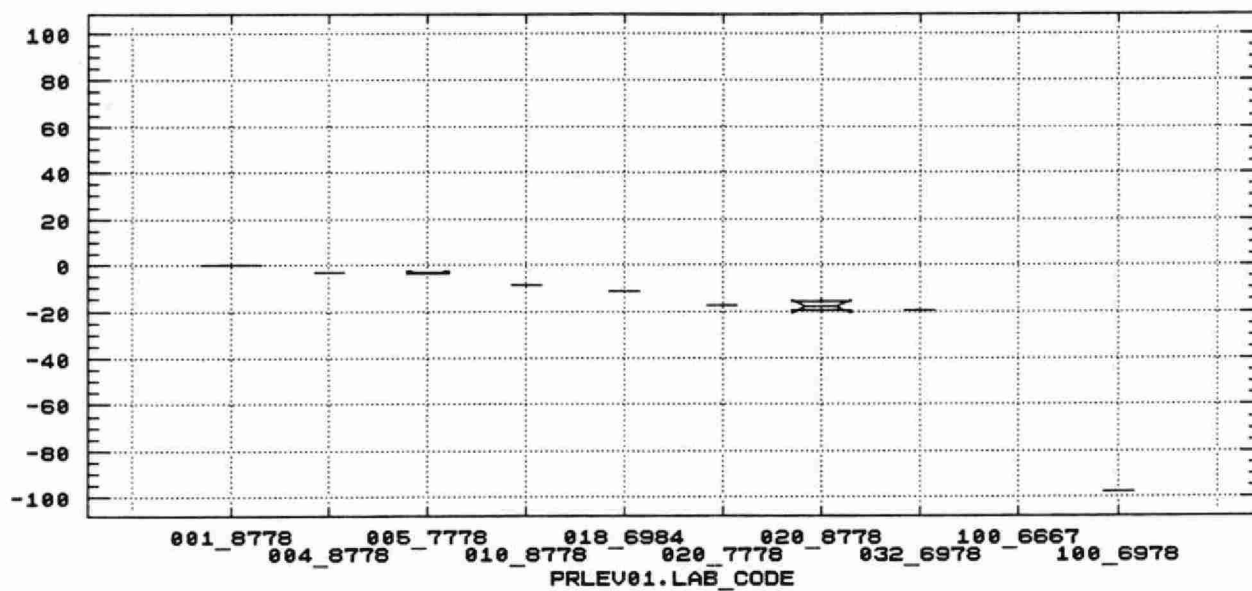


TRAVELLING SPIKED BLANKS



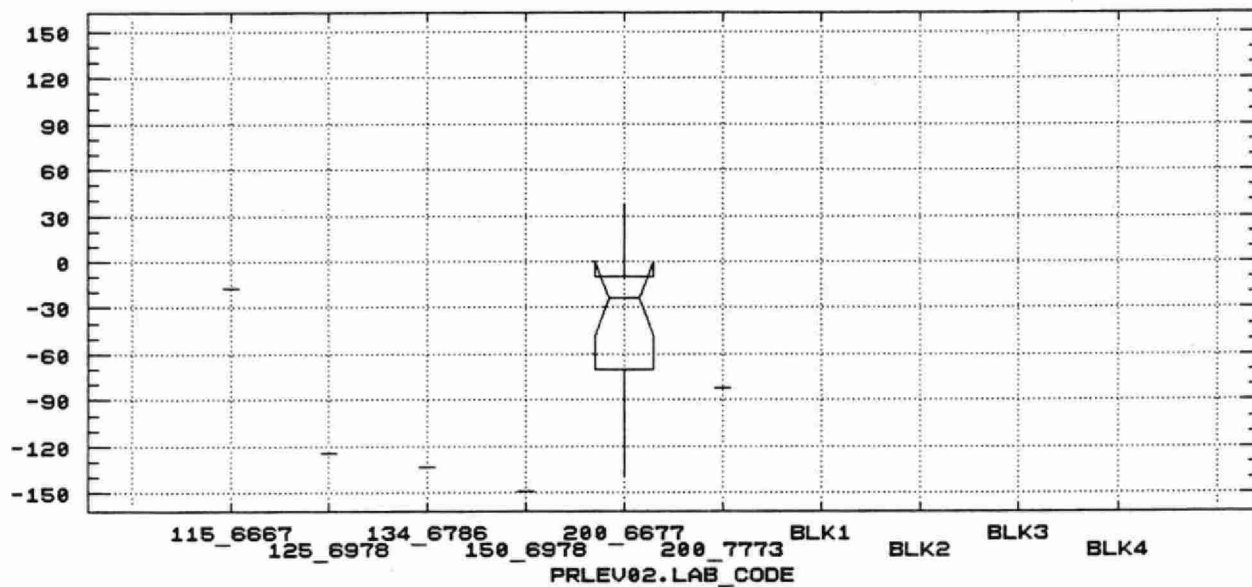
TRAVELLING SPIKED BLANKS

PRLEV01.DIFF



TRAVELLING SPIKED BLANKS

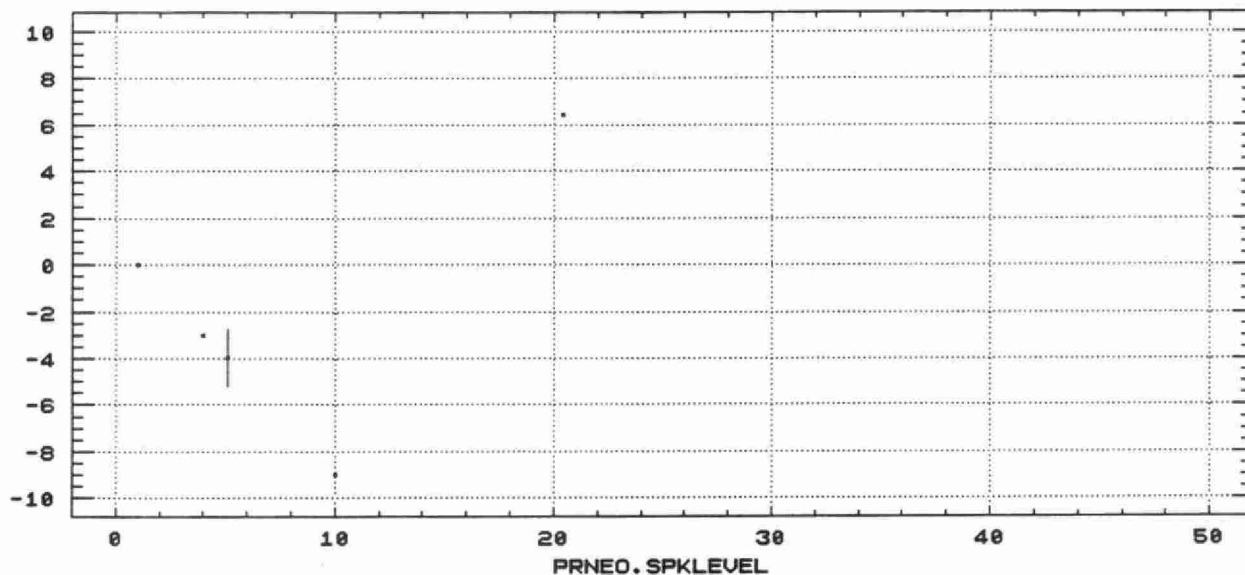
PRLEV02.DIFF



TRAVELLING SPIKED BLANKS

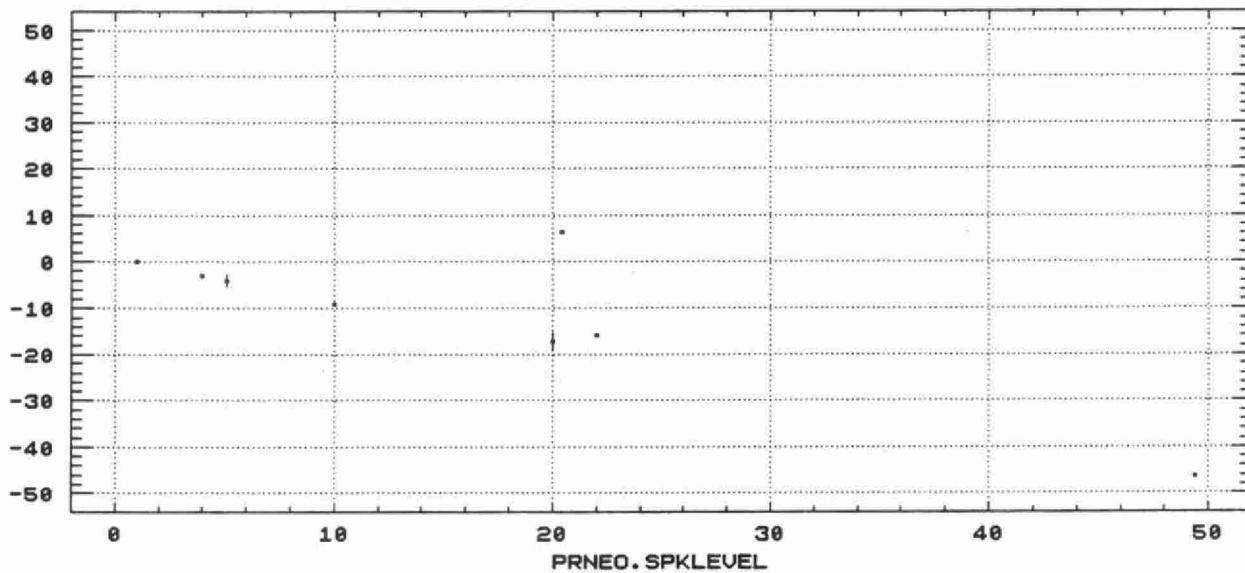
571

PRNEO.AVG



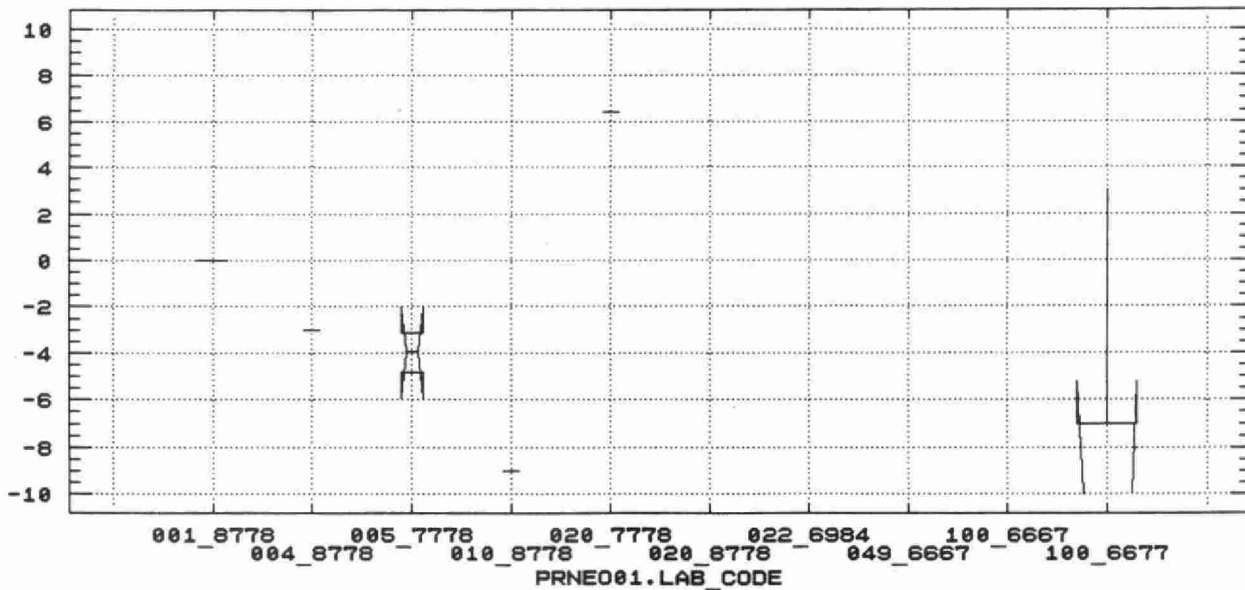
TRAVELLING SPIKED BLANKS

PRNEO.AVG



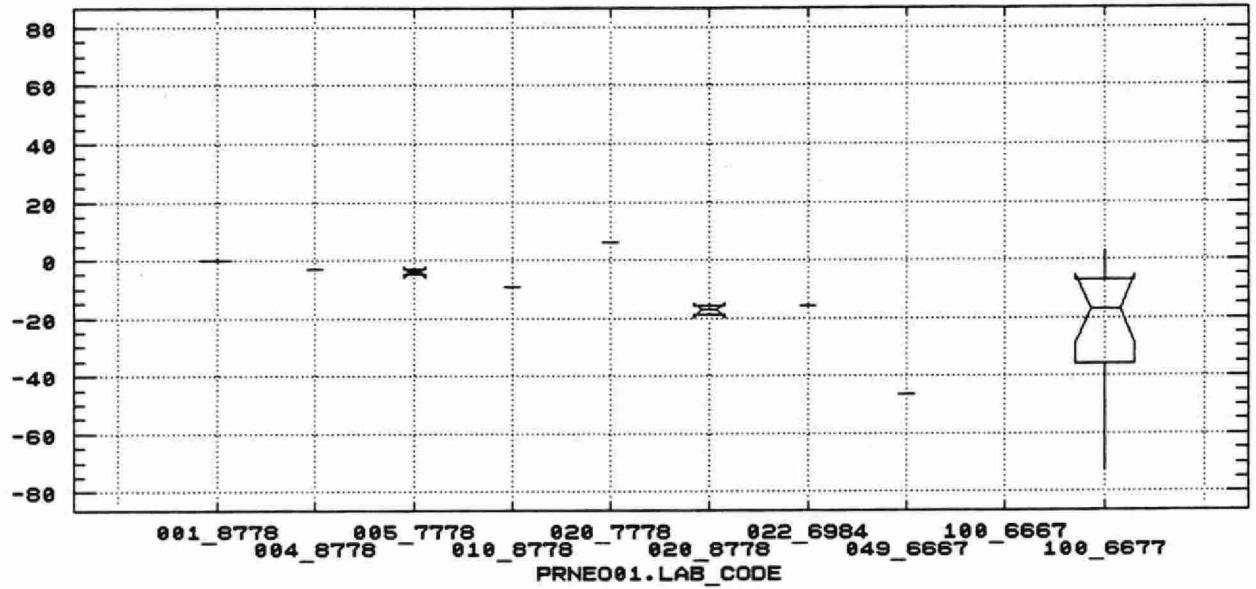
TRAVELLING SPIKED BLANKS

PRNEO01.DIFF



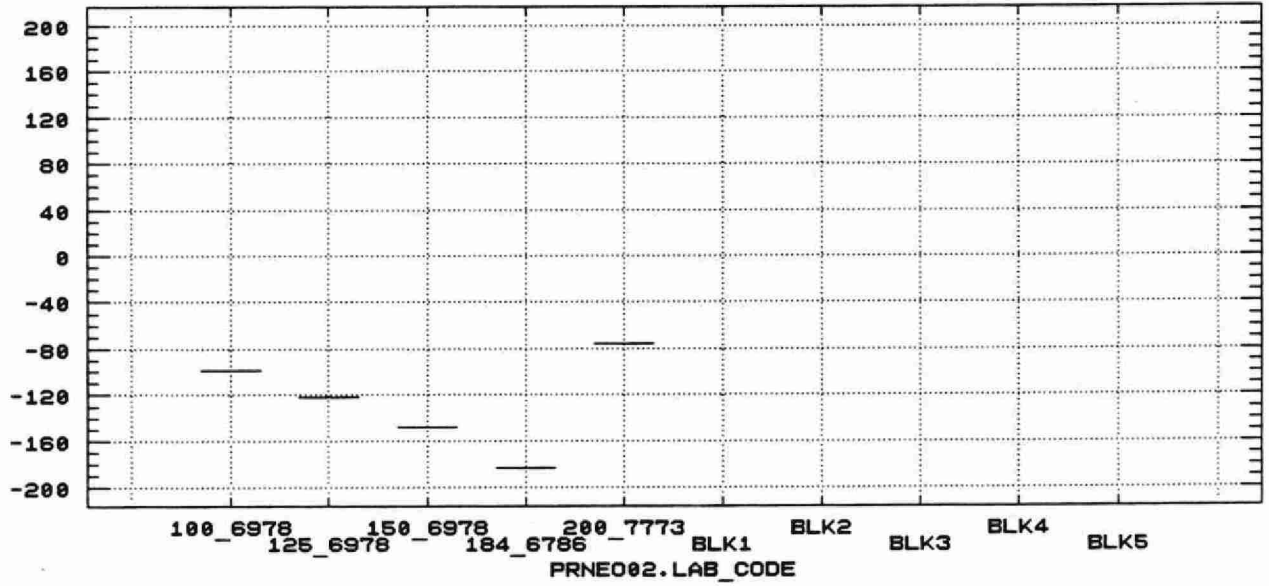
TRAVELLING SPIKED BLANKS

PRNE001.DIFF



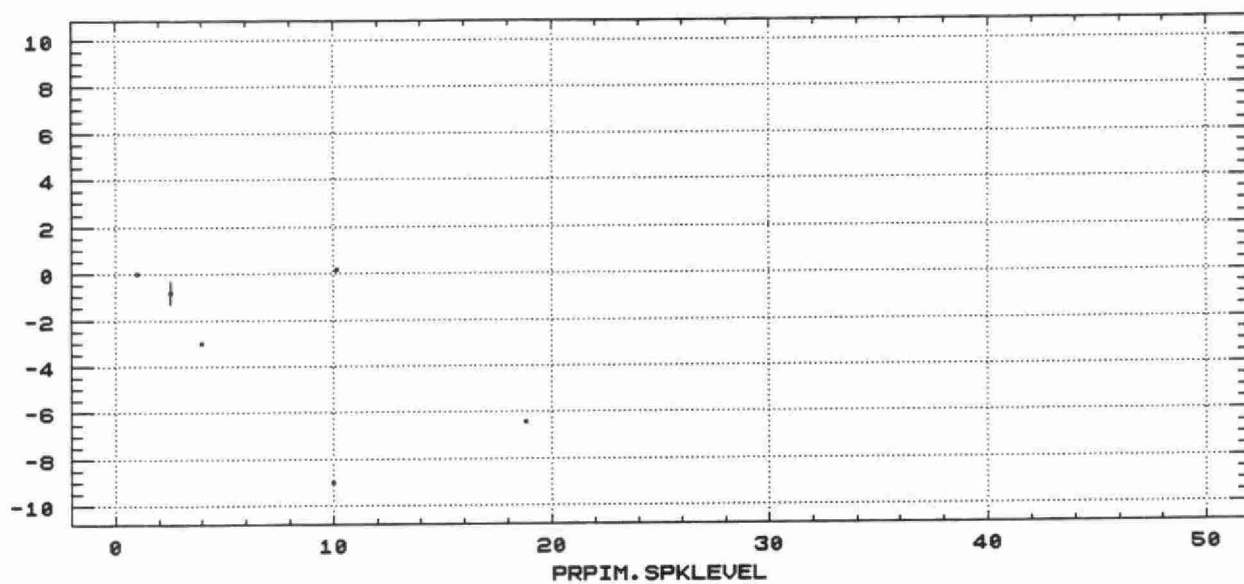
TRAVELLING SPIKED BLANKS

PRNE002.DIFF



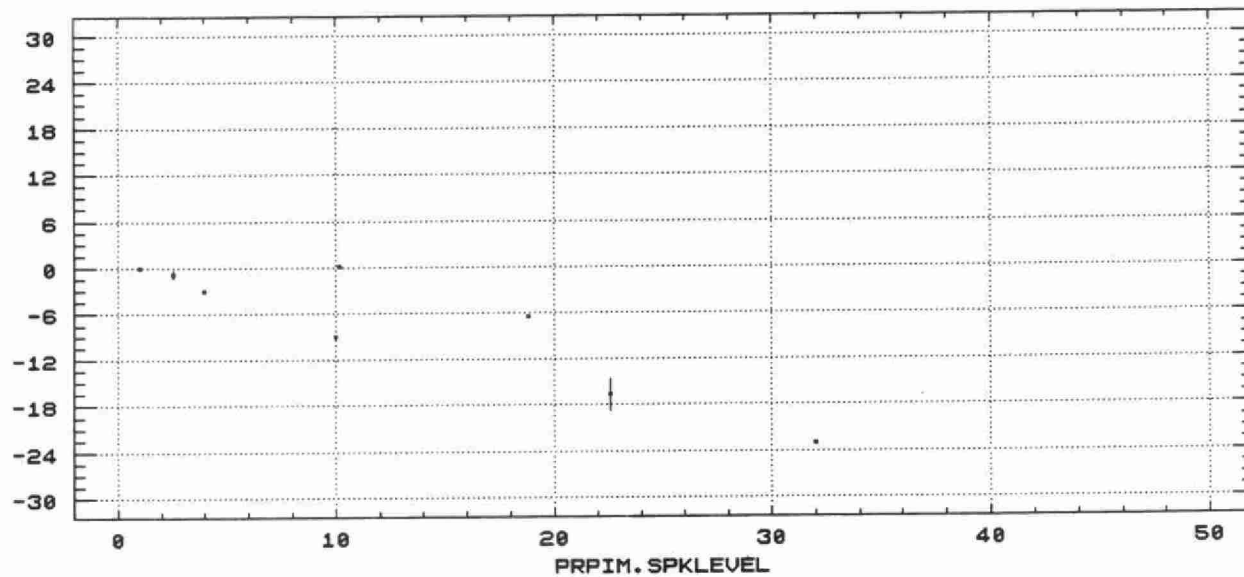
TRAVELLING SPIKED BLANKS

PRPIM.AVG



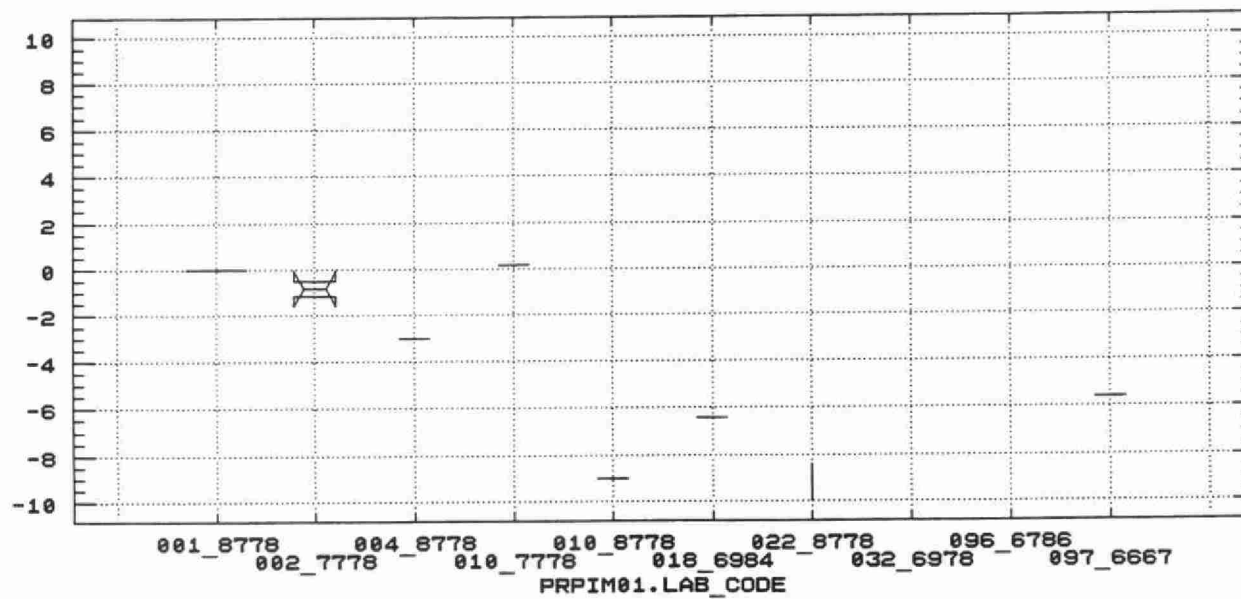
TRAVELLING SPIKED BLANKS

PRPIM.AVG



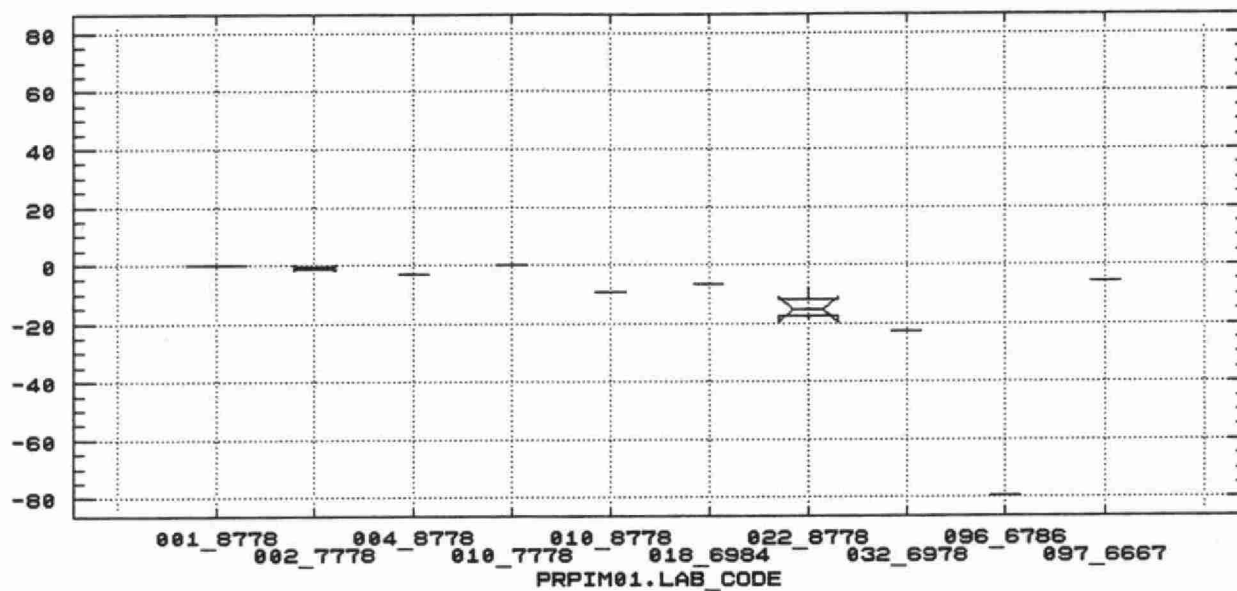
TRAVELLING SPIKED BLANKS

PRPIM01.DIFF



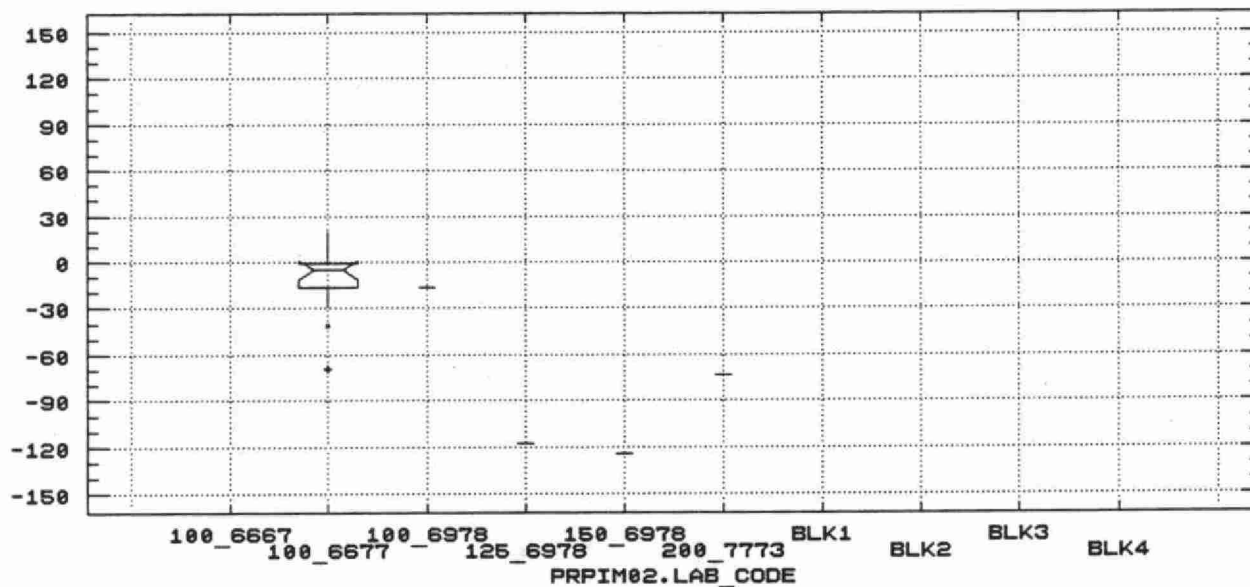
TRAVELLING SPIKED BLANKS

PRPIM01.DIFF



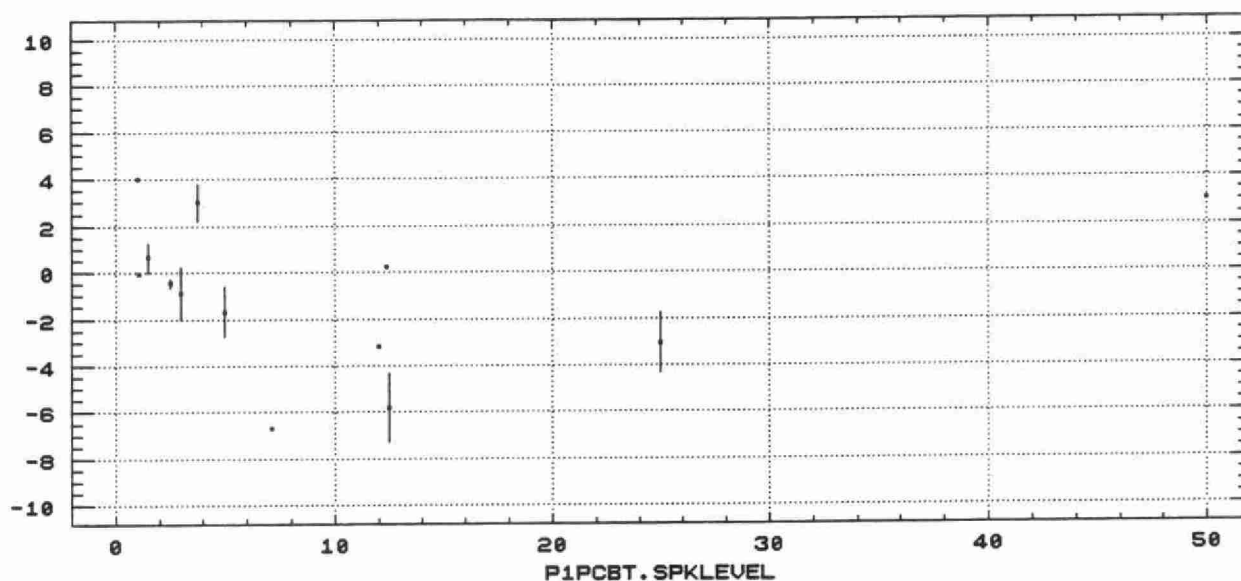
TRAVELLING SPIKED BLANKS

PRPIM02.DIFF



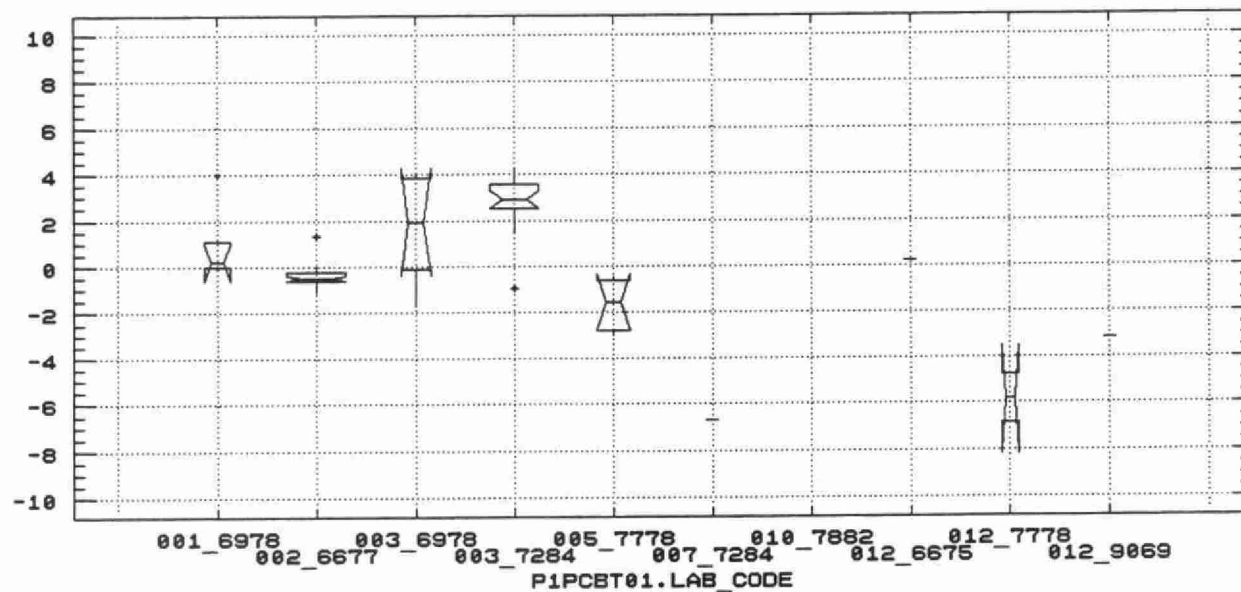
TRAVELLING SPIKED BLANKS

P1PCBT.AVG



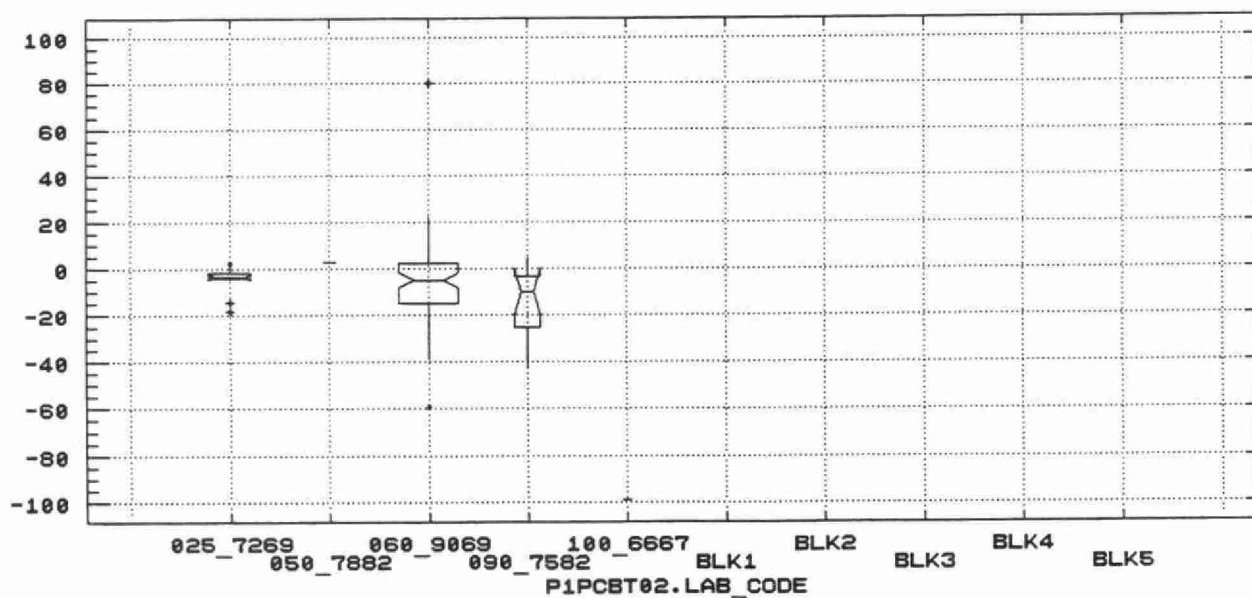
TRAVELLING SPIKED BLANKS

P1PCBT01.DIFF

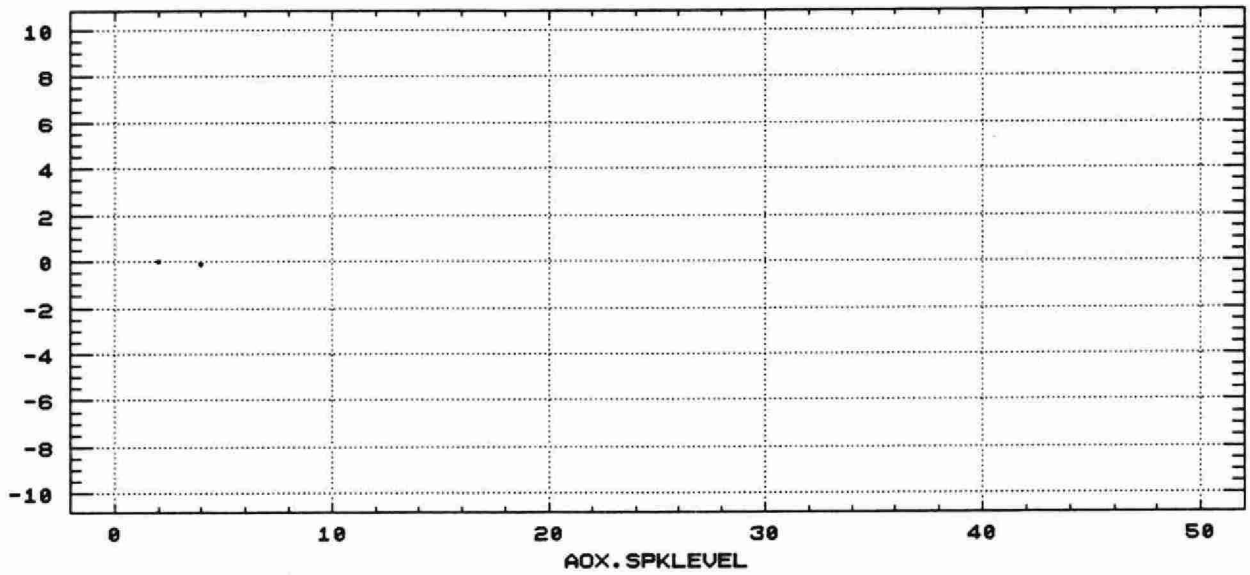


TRAVELLING SPIKED BLANKS

P1PCBT02.DIFF

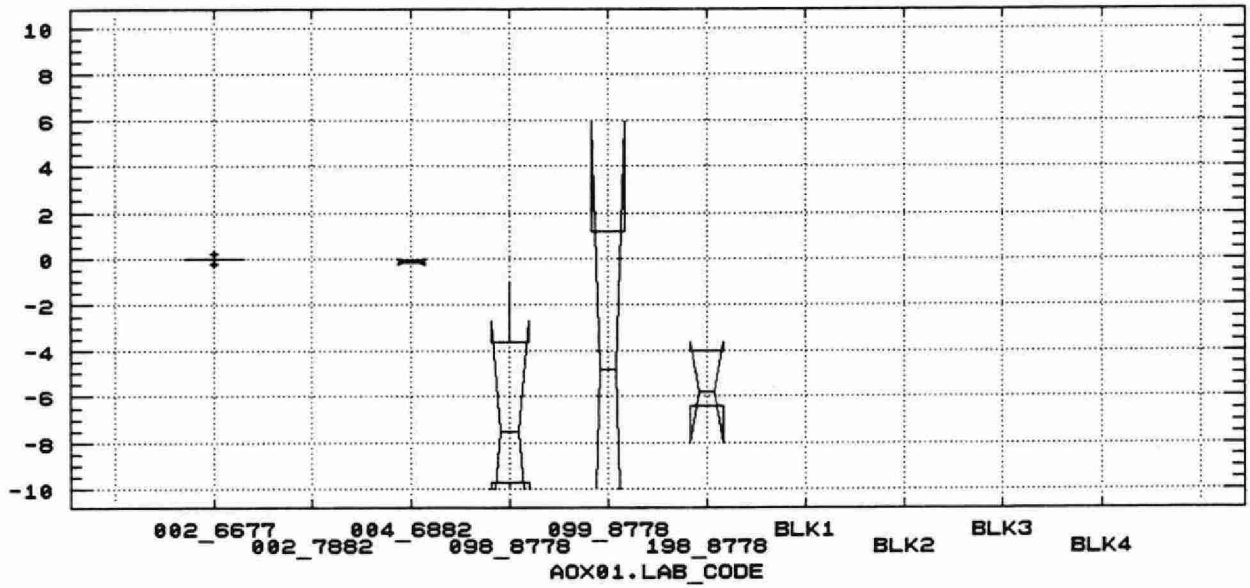


AOX.AVG



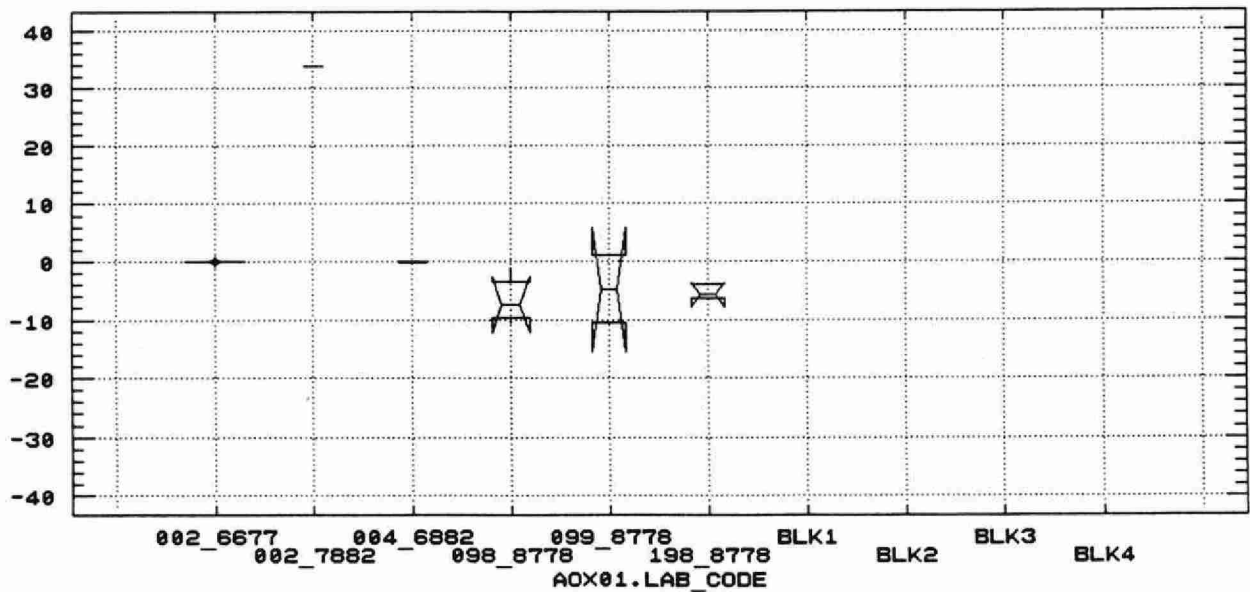
TRAVELLING SPIKED BLANKS

AOX01.DIFF



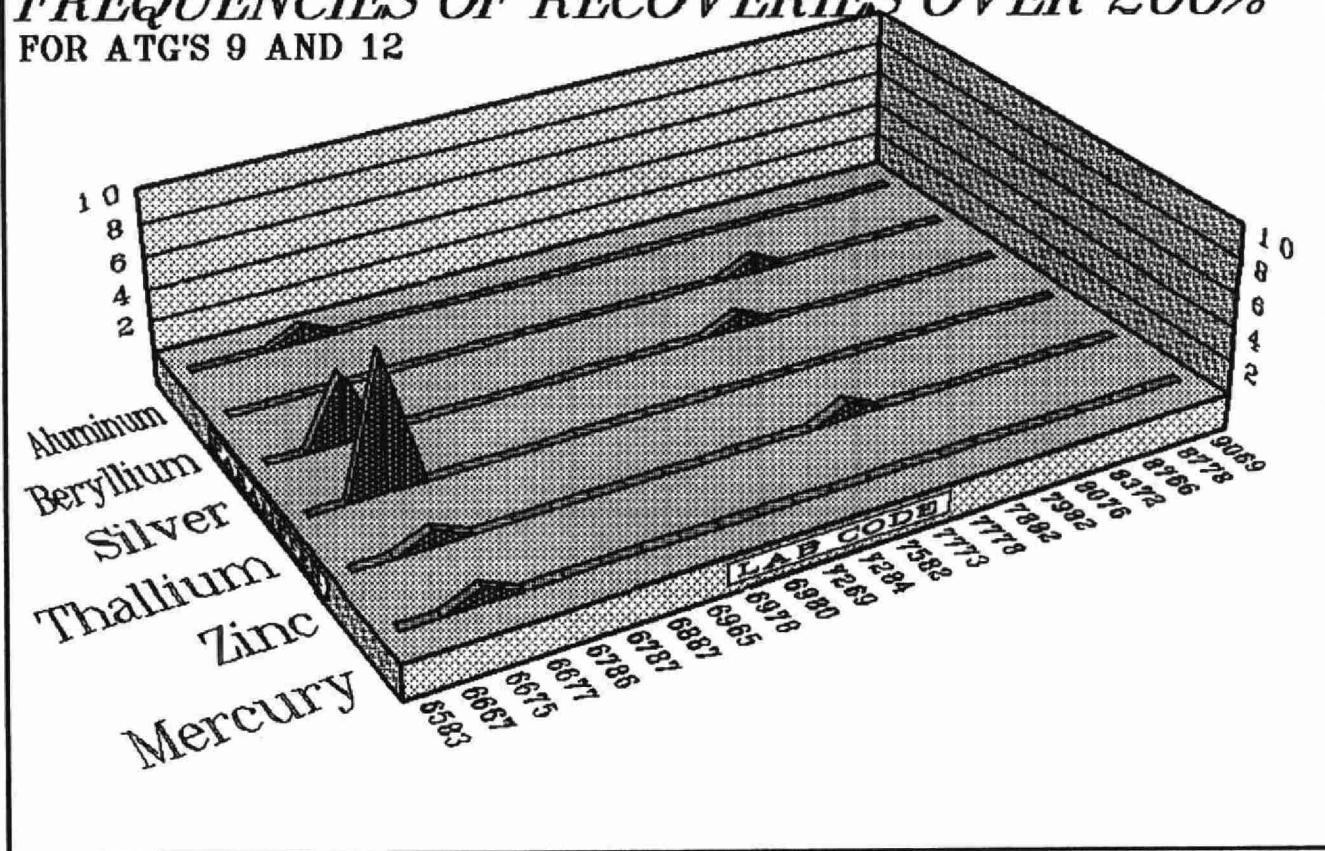
TRAVELLING SPIKED BLANKS

AOX01.DIFF



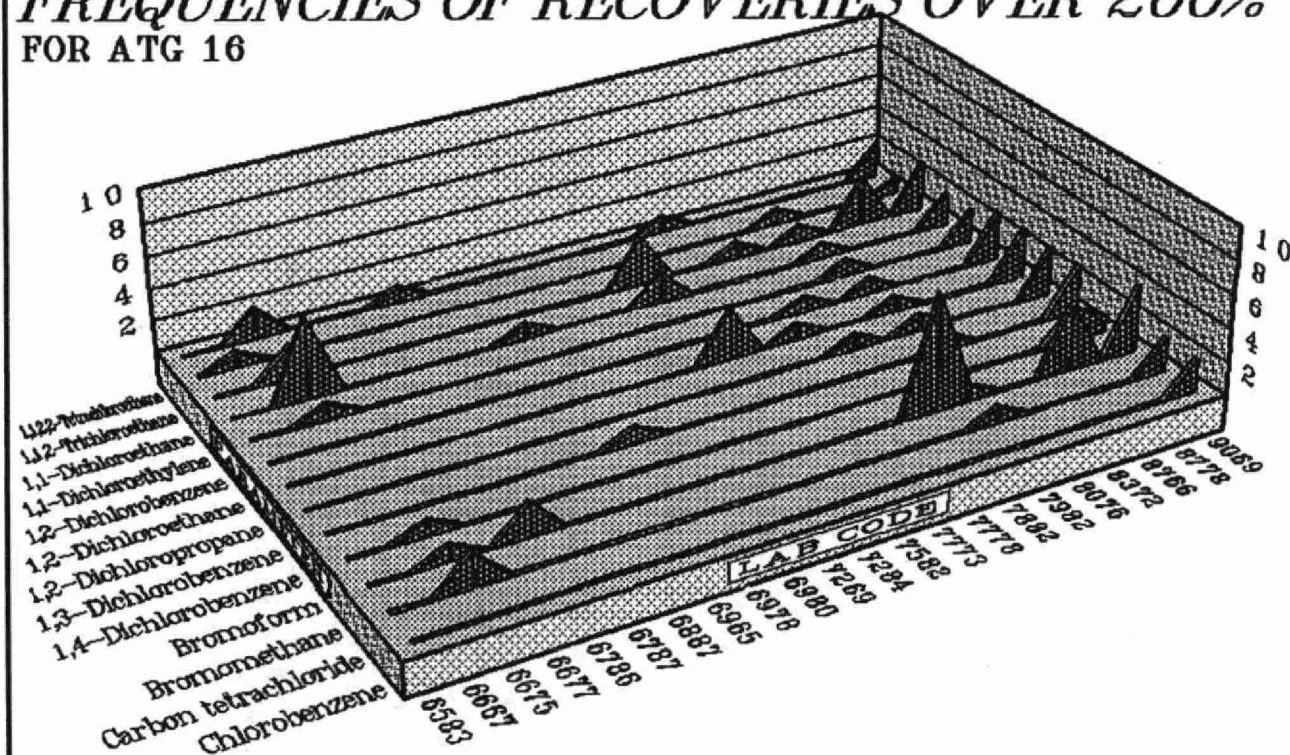
APPENDIX 4

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG'S 9 AND 12



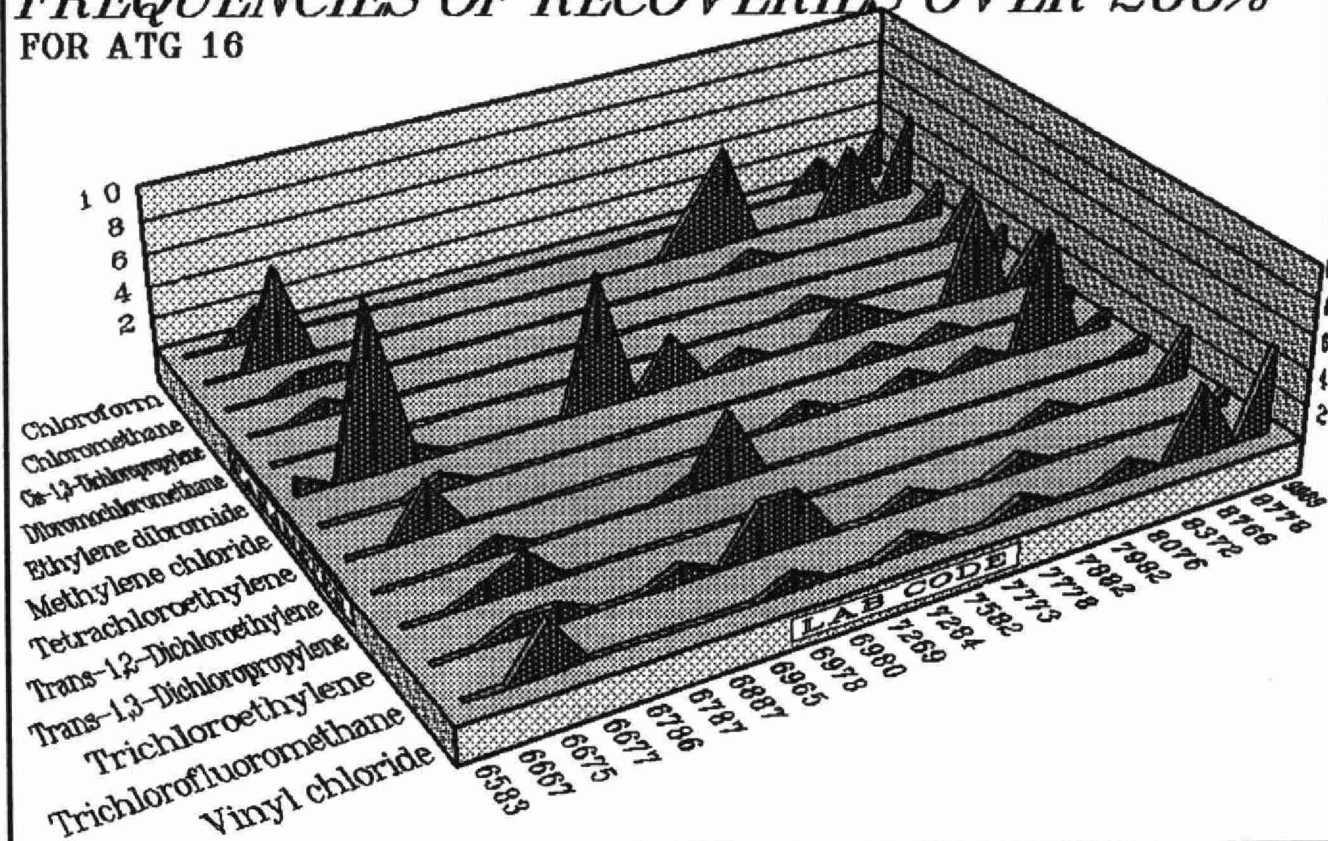
The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 9 (Total Metals) and ATG 12 (Mercury).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 16



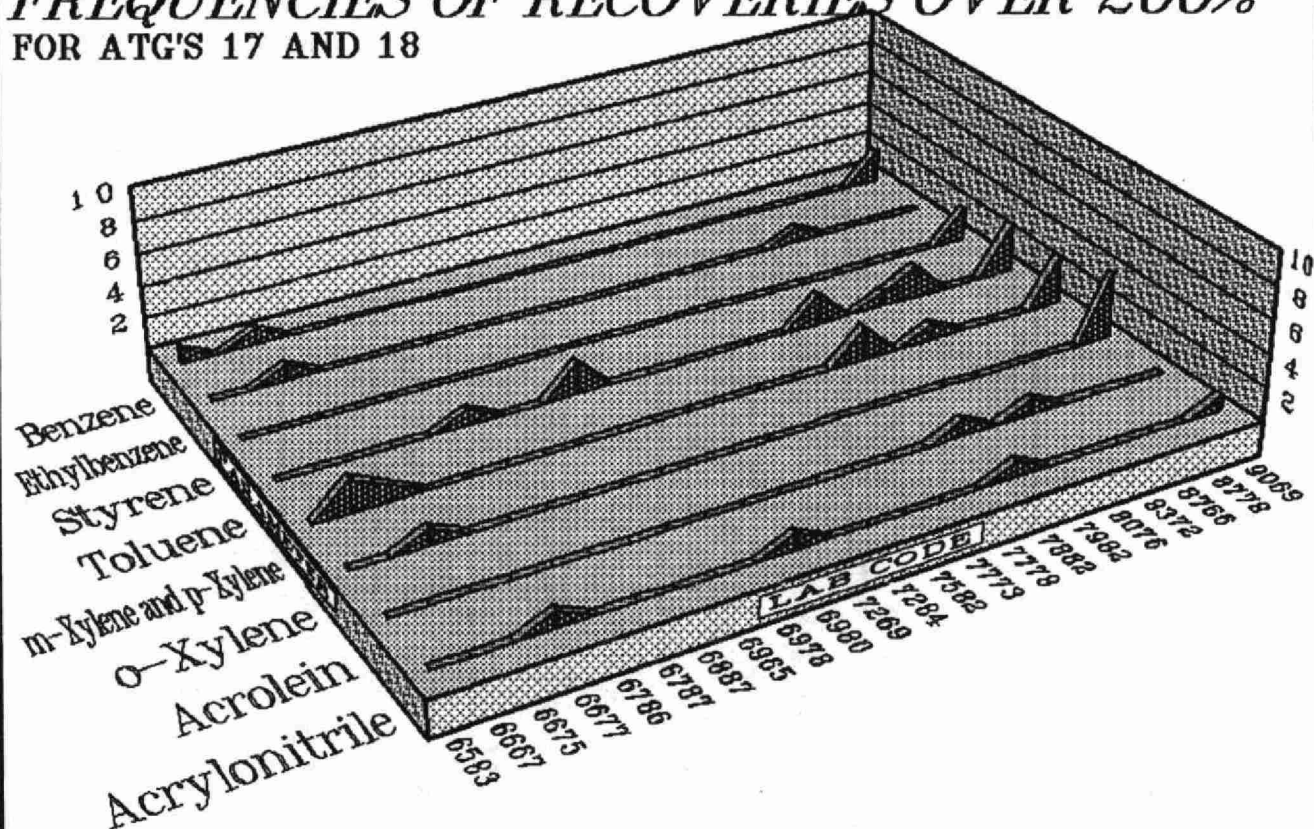
The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 16 (Halogenated Volatiles).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 16



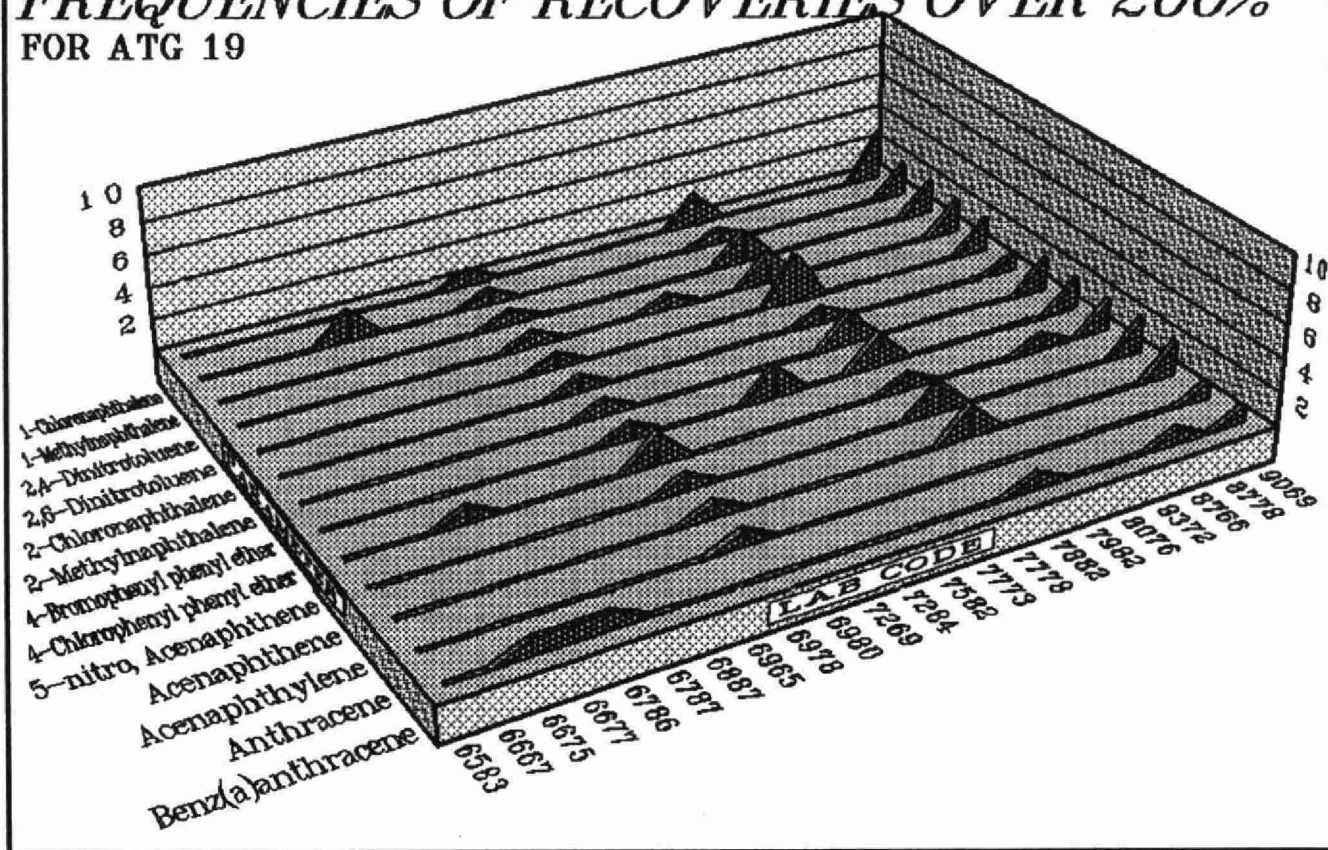
The number of results above 200% for travelling spiked blanks, for 22 laboratories that analyzed ATG 16 (Halogenated Volatiles).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG'S 17 AND 18



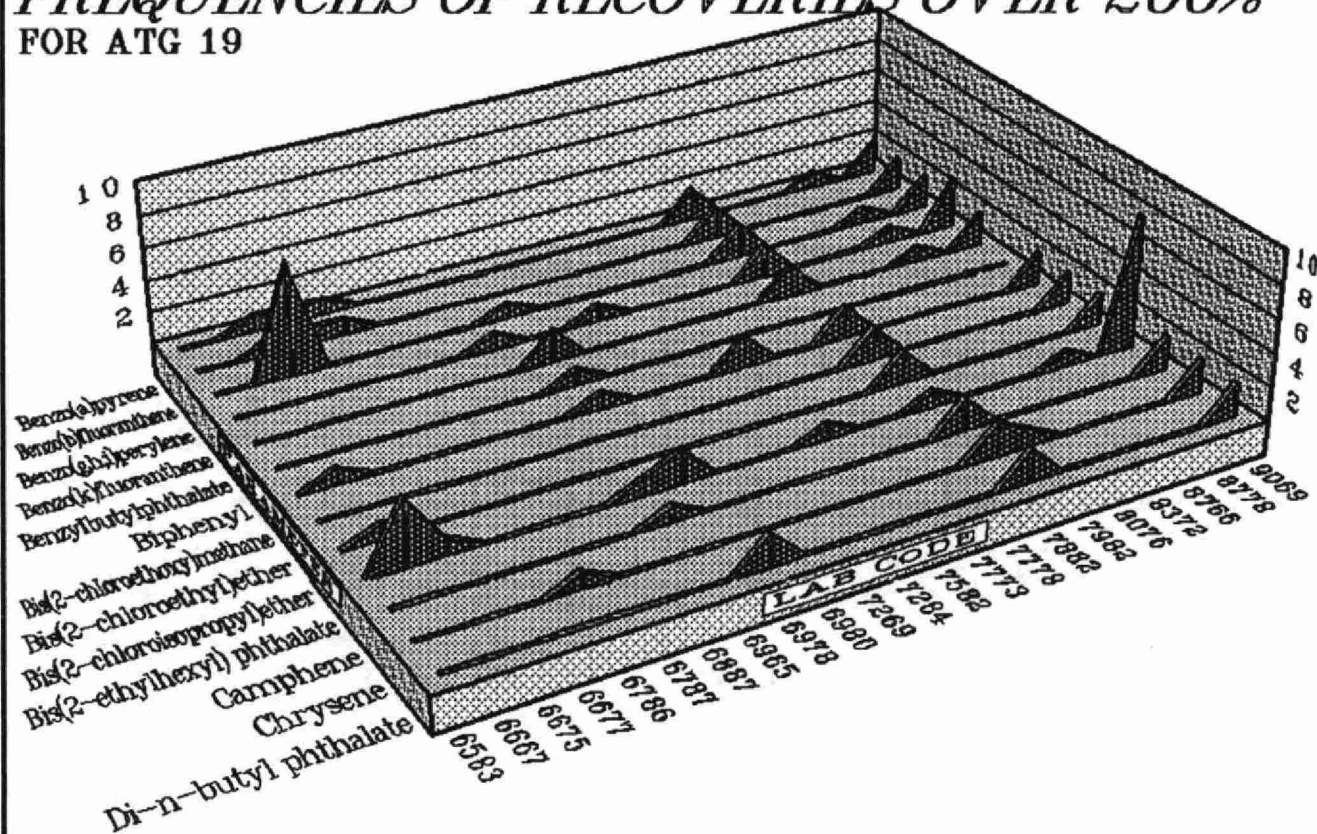
The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 17 (Non-halogenated volatiles) and ATG 18 (Water soluble volatiles).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 19



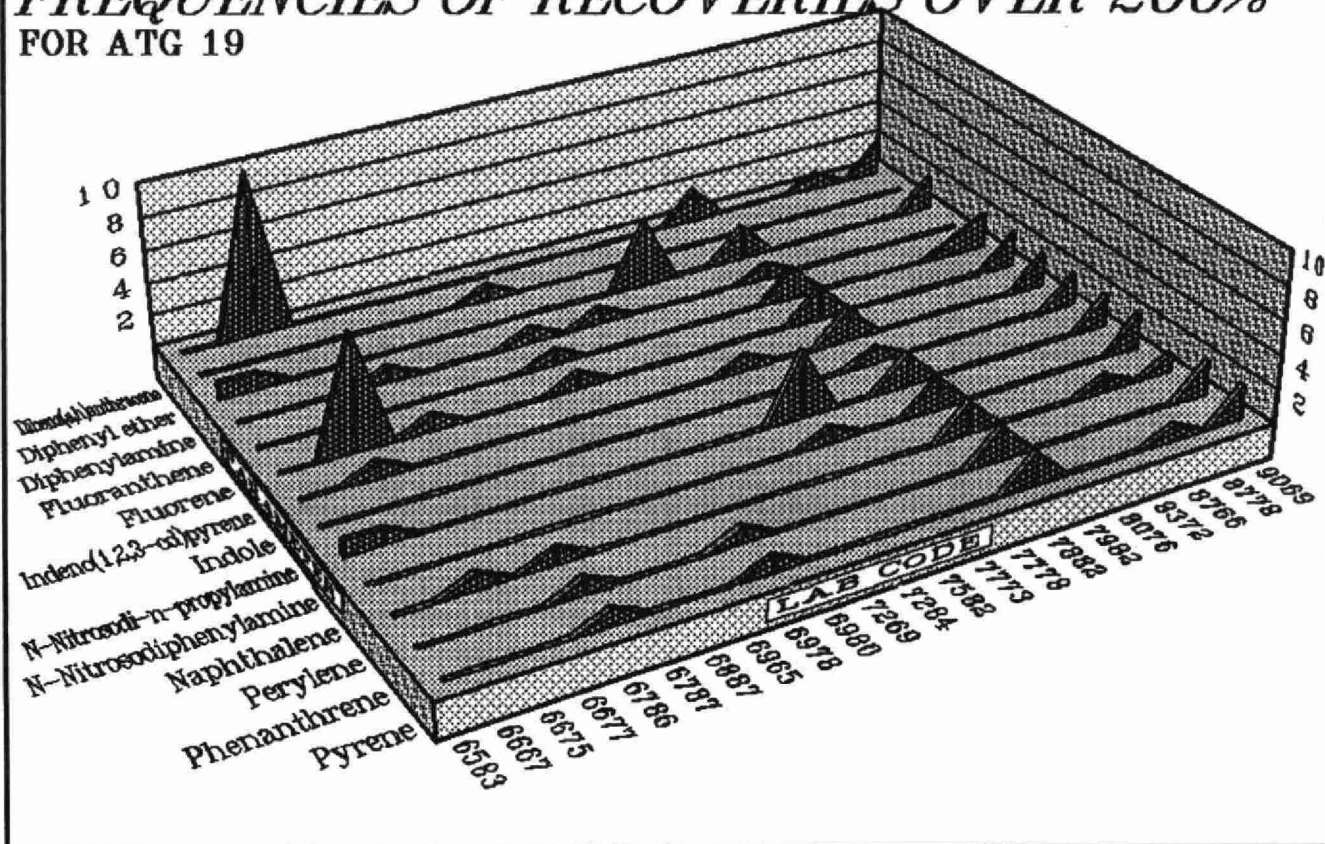
The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 19 (Base neutral extractables).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 19



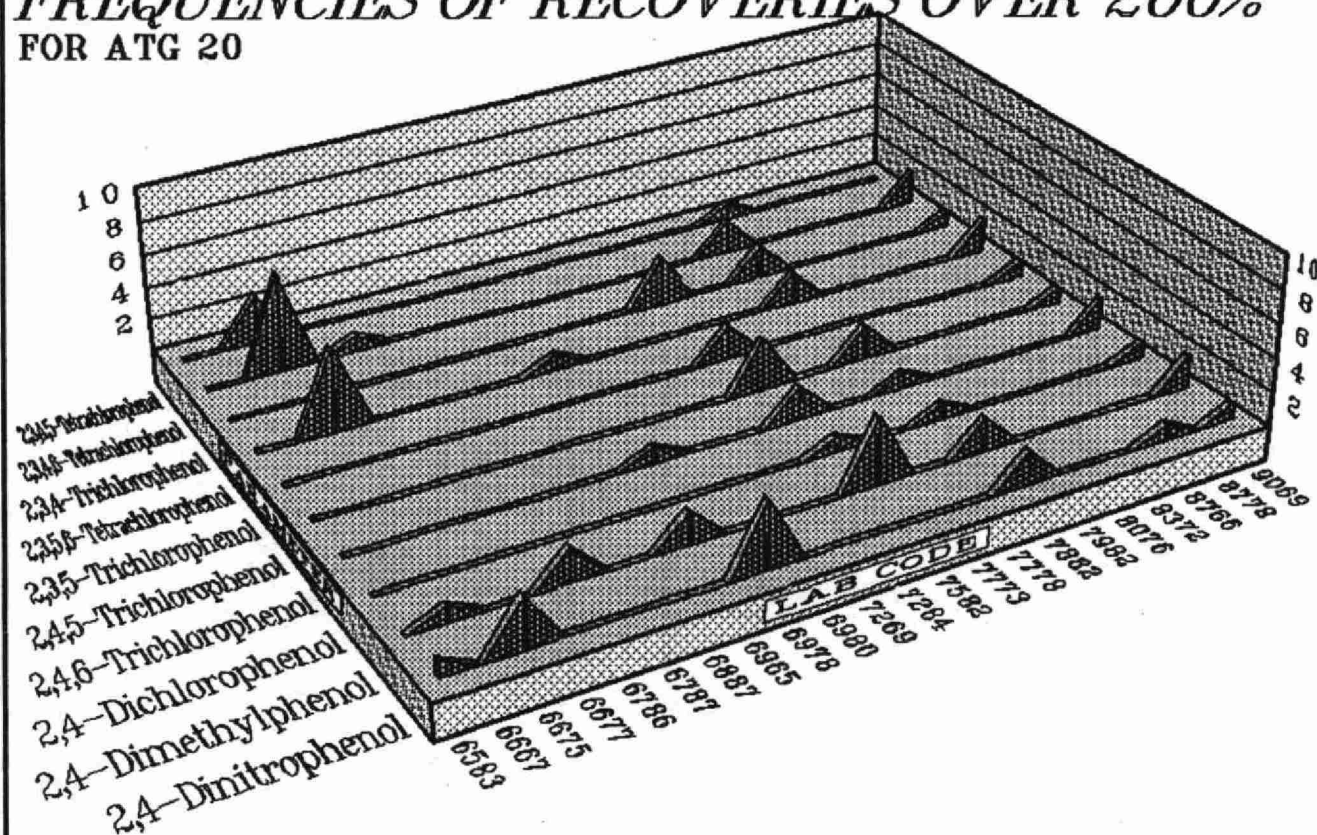
The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 19 (Base neutral extractables).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 19



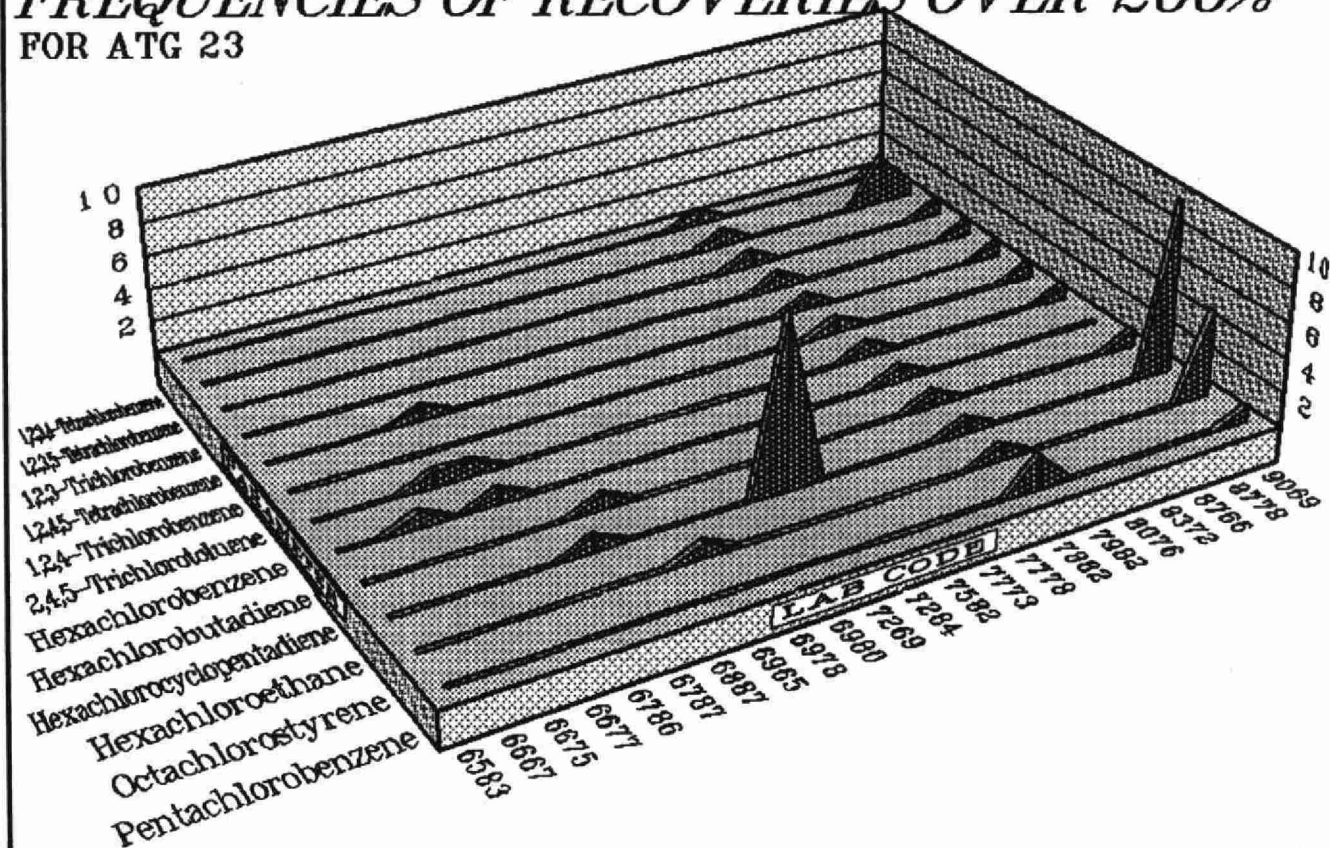
The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 19 (Base neutral extractables).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 20

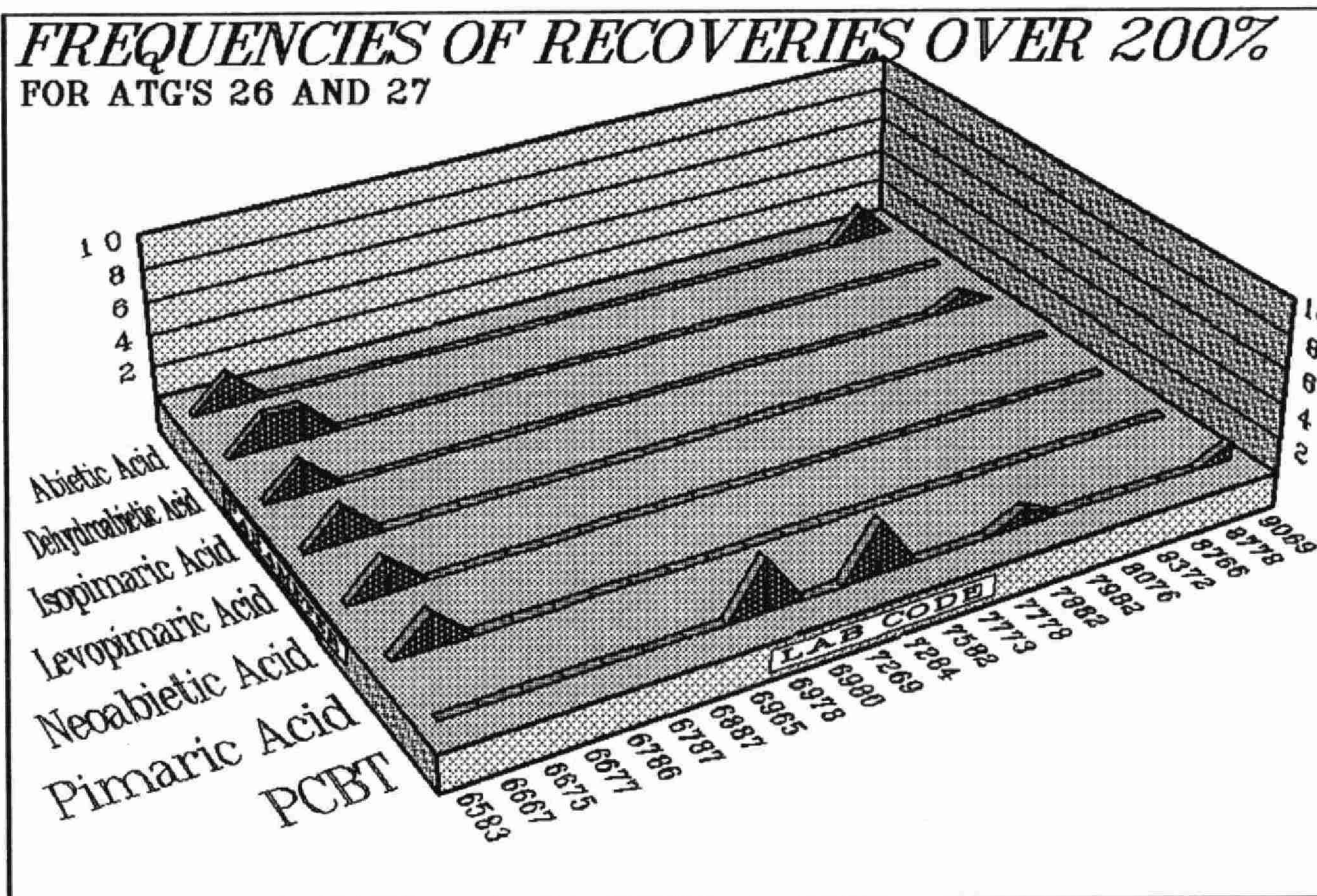


The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 20 (Acid extractables).

FREQUENCIES OF RECOVERIES OVER 200% FOR ATG 23



The number of results exceeding 200% recovery, for travelling spiked balnks, for 22 laboratories that analyzed atg 23 (Netral chlorinated extractables).



The number of results exceeding 200% recovery, for travelling spiked blanks, for 22 laboratories that analyzed ATG 23 (Neutral chlorinated extractables).

APPENDIX 5

PROGRAM: MISASPK.FEX

```

*****
-* THIS PROGRAM EXTRACTS THE TRAVELLING SPIKED BLANK RESULTS
-* ('DAA'=FOUND AND 'YAA'=EXPECTED) FROM THE MISA DATABASES, CORRECTING
-* FOR UNIT DISCREPANCIES AND CODING LABORATORIES. PERCENT RECOVERIES
-* ARE CALCULATED. THE OUTPUT IS A FOCUS
-* DATABASE FOR EACH SECTOR, AND THESE EXTRACTED DATABASES
-* CAN BE LINKED AND TREATED AS ONE QA DATABASE.
*****

```

CLS

-RUN

-TYPE MISASPK IS NOW PROCESSING ...

-SET &OUTFILE= &&SECTOR || S || &&N;

SET MORE=OFF

-*****CORRECT FOR UNIT DISCREPANCIES AMONG SECTORS*****

DEFINE FILE &&SECTOR

YAA1/D15.4=IF (STYPE EQ 'YAA') THEN PVAL

ELSE IF (SNUM CONTAINS 'YAA') THEN PVAL

ELSE 0;

DAA1/D15.4=IF (STYPE EQ 'DAA') THEN PVAL

ELSE IF (SNUM CONTAINS 'DAA') THEN PVAL

ELSE 0;

YAA/D15.4=IF (ATG EQ '09') AND (PTEST EQ 'FEUT' OR 'MGUT') AND

(PUNIT EQ '064') THEN YAA1

ELSE IF (ATG EQ '09') AND (PTEST EQ 'FEUT' OR 'MGUT')

AND (PUNIT EQ '063') THEN YAA1/1000

ELSE IF (ATG EQ '09') AND (PTEST NE 'FEUT' OR 'MGUT')

AND (PUNIT EQ '063') THEN YAA1

ELSE IF (ATG EQ '09') AND (PTEST NE 'FEUT' OR 'MGUT')

AND (PUNIT EQ '064') THEN YAA1*1000

ELSE IF (ATG EQ '10' OR '11' OR '12' OR '13' OR '14' OR '23'

OR '27' OR '29') AND (PUNIT EQ '063') THEN YAA1

ELSE IF (ATG EQ '10' OR '11' OR '12' OR '13' OR '14' OR '23'

OR '29') AND (PUNIT EQ '064') THEN YAA1*1000

ELSE IF (ATG EQ '15') AND (PUNIT EQ '064')

THEN YAA1

ELSE IF (ATG EQ '15') AND (PUNIT EQ '063')

THEN YAA1/1000

ELSE IF (ATG EQ '23' OR '27') AND (PUNIT EQ '062')

THEN YAA1/1000

ELSE IF (ATG EQ '24') AND (PUNIT EQ '061')

THEN YAA1/1000

ELSE IF (ATG EQ '24') AND (PUNIT EQ '062')

THEN YAA1

ELSE IF (ATG EQ '24') AND (PUNIT EQ '063')

THEN YAA1*1000

ELSE IF (PUNIT EQ '006' OR '007') THEN 0

ELSE YAA1;

DAA/D15.4=IF (ATG EQ '09') AND (PTEST EQ 'FEUT' OR 'MGUT') AND (PUNIT EQ '064')

THEN DAA1

ELSE IF (ATG EQ '09') AND (PTEST EQ 'FEUT' OR 'MGUT') AND (PUNIT EQ '063')

THEN DAA1/1000

ELSE IF (ATG EQ '09') AND (PTEST NE 'FEUT' OR 'MGUT') AND (PUNIT EQ '063')

THEN DAA1

ELSE IF (ATG EQ '09') AND (PTEST NE 'FEUT' OR 'MGUT') AND (PUNIT EQ '064')

THEN DAA1*1000

ELSE IF (ATG EQ '10' OR '11' OR '12' OR '13' OR '14' OR '23'


```

      OR '27' OR '29') AND (PUNIT EQ '063') THEN DAA1
ELSE IF (ATG EQ '10' OR '11' OR '12' OR '13' OR '14' OR '23'
OR '29') AND (PUNIT EQ '064') THEN DAA1*1000
ELSE IF (ATG EQ '15') AND (PUNIT EQ '064')
  THEN DAA1
ELSE IF (ATG EQ '15') AND (PUNIT EQ '063')
  THEN DAA1/1000
ELSE IF (ATG EQ '23' OR '27') AND (PUNIT EQ '062')
  THEN DAA1/1000
ELSE IF (ATG EQ '24') AND (PUNIT EQ '061')
  THEN DAA1/1000
ELSE IF (ATG EQ '24') AND (PUNIT EQ '062')
  THEN DAA1
ELSE IF (ATG EQ '24') AND (PUNIT EQ '063')
  THEN DAA1*1000
ELSE IF (PUNIT EQ '006' OR '007') THEN 0
ELSE DAA1/2

```

*****GENERATE CODES FOR LABORATORIES*****

(CONFIDENTIAL)

*****EXTRACT THE AVERAGE YAA PVAL'S AND HOLD AS SPK1*****

```

TABLE FILE &&SECTOR
PRINT YAA CODE
BY SECTOR BY PTEST
BY RMDL BY PMTHD BY COMPID BY SDATE
IF YAA GT 0
IF PMTHD NE ''
IF ATG NE ''
ON TABLE HOLD AS SPK1
END

```

```

MATCH FILE &&SECTOR
PRINT DAA PREMK CODE
BY SECTOR BY PTEST
BY RMDL BY PMTHD BY COMPID BY SDATE
IF DAA GT 0
IF PMTHD NE ''
IF ATG NE ''
RUN

```

```

FILE SPK1
SUM AVE.YAA
BY SECTOR BY PTEST
BY RMDL BY PMTHD BY COMPID BY SDATE
AFTER MATCH HOLD AS SPK2 OLD-AND-NEW
END

```

```
*****
- *DATA FROM SPK2 IS USED TO CALCULATE % RECOVERIES AND SPIKE LEVELS
- *AND THE OUTPUT IS STORED AS "OUTFILE". THE END OF THE PROGRAM WILL
- *PRODUCE A TABLE SUMMARIZING RECOVERIES FOR EACH TEST AS A FUNCTION OF
- *SPIKE LEVEL (OPTIONAL).
*****
```

```
DEFINE FILE SPK2
PCTRECOV/D15.4=DAA/YAA*100;
SPKLEVEL/D15.4=YAA/RMDL;
END
```

```
TABLE FILE SPK2
PRINT DAA PREMK YAA PCTRECOV SPKLEVEL CODE
BY SECTOR BY PTEST
BY RMDL BY PMTHD BY COMPID BY SDATE
ON TABLE HOLD AS &OUTFILE FORMAT FOCUS
END
DOS ERASE SPK1.FTM
DOS ERASE SPK1.MAS
DOS ERASE SPK2.FTM
DOS ERASE SPK2.MAS
```

PROGRAM: SPKSTAT4.FEX

```

*****
-* THIS PROGRAM WILL PRODUCE WK1 FILES FROM THE MISASPK
-* DATABASE THAT CAN BE IMPORTED INTO STATGRAFICS TO
-* PRODUCE BOTH XY SCATTERPLOTS AND BOX-AND-WHISKER DIAGRAMS
-* THAT SUMMARIZE THE TRAVELLING SPIKED BLANK DATA ACROSS
-* ALL SECTORS. NOTE THAT THE XY SCATTERPLOT DATA HAS BEEN
-* SCREENED TO REMOVE OUTLIERS BASED ON 1.5 TIMES THE INTER-
-* QUARTILE RANGE FOR A GIVEN SPIKING LEVEL ... IN ORDER TO
-* PRODUCE A MORE MEANINGFUL ESTIMATE OF STD_DEV. ALSO THE
-* X-AXIS HAS BEEN CUT-OFF AT 50 TIMES THE RMDL SINCE A
-* CONSISTENT SCALE IS DESIREABLE (50 SEEMS BEST COMPROMISE).
-* BOXWHISK IS INVOKED TO PRODUCE THE BOX-AND-WHISKER WK1'S.
*****

```

```

-SET &&N=1;

```

```

-START

```

```

TABLE FILE HLIMITS
PRINT *
IF LIST EQ &&N
ON TABLE HOLD
END

```

```

-RUN

```

```

-READ HOLD &LIST.I5. &PTEST.A6. &HZERO.D7. &RIGHT.D7. &ATG.A2.
-RUN
-*IF ((&ATG EQ 09 OR 27) OR ((&ATG GE 16) AND (&ATG LE 23)))
-*IF (&ATG CONTAINS '04' OR '08' OR '09' OR '10' OR '11'
-*OR '12' OR '15' OR '23' OR '24'
-*OR '27' OR '29' OR '14' OR '15' OR '16' OR '17' OR '18')
-IF &ATG IS '26'
-GOTO BEGIN ELSE GOTO LOOP;

```

```

*****
-* CALCULATE VERTICAL LIMITS FOR OUTLIERS BASED ON
-* 1.5 X THE INTERQUARTILE RANGE.
*****
-BEGIN

```

```

-TYPE PROCESSING PTEST: &PTEST NUMBER:&&N

```

```

TABLE FILE MISASPK
SUM AVE.PCTRECOV RANKED BY SPKLEVEL
IF PTEST EQ &PTEST
ON TABLE HOLD AS LIST
END
-RUN
-READ LIST &LIST2.I5.

```

```

DEFINE FILE MISASPK
DIFF/D15.3=(DAA-YAA)/RMDL;
END

```

```

TABLE FILE MISASPK
SUM CNT.DIFF BY SPKLEVEL
LIST DIFF PTEST
BY SPKLEVEL BY DIFF NOPRINT
IF PTEST EQ &PTEST

```

```
ON TABLE HOLD AS QUART1 FORMAT FOCUS
END
```

```
DEFINE FILE QUART1
QUART1/A6=IF (FOCLIST LE E02*.25) THEN '1ST' ELSE
  IF ((FOCLIST LE E02*.5) AND (FOCLIST GT E02*.25)) THEN '2ND' ELSE
  IF ((FOCLIST LE E02*.75) AND (FOCLIST GT E02*.5)) THEN '3RD' ELSE
  IF (FOCLIST GT E02*.75) THEN '4TH';
```

```
END
```

```
TABLE FILE QUART1
SUM MAX.E04 ACROSS QUART
BY PTEST BY SPKLEVEL BY E02
ON TABLE HOLD AS QUART2
END
-RUN
```

```
-** IF LESS THAN 4 RECORDS IN QUART2, THEN THE PTEST IS IGNORED,
-** SINCE NOT ENOUGH DATA TO DRAW MEANINGFUL CONCLUSIONS.
```

```
-*IF &LINES LT 4 GOTO LOOP;
```

```
TABLE FILE QUART2
SUM MAX.E03
ON TABLE HOLD AS COUNT
END
-RUN
```

```
-READ COUNT &E01.I5.
-RUN
```

```
-IF &E01 LT 4 GOTO LOOP;
```

```
DEFINE FILE QUART2
1ST/D15.3=E04;
2ND/D15.3=E05;
3RD/D15.3=E06;
4TH/D15.3=E07;
UPPER/D15.3=IF E03 GE 4 THEN 2ND+(1.5*(3RD-1ST)) ELSE
  IF E03 LE 3 THEN 4TH;
LOWER/D15.3=IF E03 GE 4 THEN 2ND-(1.5*(3RD-1ST)) ELSE
  IF E03 EQ 3 THEN 2ND ELSE
  IF E03 EQ 2 THEN 2ND ELSE
  IF E03 EQ 1 THEN 4TH;
```

```
END
```

```
TABLE FILE QUART2
PRINT 1ST 2ND 3RD 4TH UPPER LOWER
BY PTEST BY SPKLEVEL
ON TABLE HOLD AS QUART3
END
```

```
*****
-* MATCH QUART3 WITH MISASPK TO CREATE A FILE CONTAINING DIFFS
-* AND UPPER AND LOWER LIMITS (BASED ON 1.5XINTERQUARTILE RANGE)
*****
```

```
MATCH FILE QUART3
SUM UPPER LOWER BY PTEST BY SPKLEVEL
RUN
FILE MISASPK
PRINT DIFF BY PTEST BY SPKLEVEL
```

```
IF PTEST EQ &PTEST
-*WHERE (SPKLEVEL LE &RIGHT);
IF SPKLEVEL LE 50
AFTER MATCH HOLD AS UPLOW OLD-AND-NEW
END
```

TABLE FILE UPLOW
PRINT DIFF BY PTEST BY SPKLEVEL
WHERE (DIFF LE UPPER);
WHERE (DIFF GE LOWER);
ON TABLE HOLD AS VERTSPK
END

```

*****
-* CALCULATE AVERAGE AND STD_DEV FOR XY PLOTS ... SPKLEVEL VS DIFF
-* FOR EACH PTEST.
*****
- TYPE PROCESSING WORKSHEET FOR XY SCATTERPLOT FOR &PTEST

```

```
TABLE FILE VERTSPK
SUM CNT.DIFF NOPRINT SUM.DIFF NOPRINT
COMPUTE
N/I5=CN.T.DIFF;
AVG/D15.3=AVE.DIFF;
STD_DEV/D15.3=SQRT((ASQ.DIFF/((N-1)/N))-((SUM.DIFF*SUM.DIFF)/(N*(N-1))));
BY SPKLEVEL
IF PTEST EQ &PTEST
ON TABLE HOLD AS &PTEST FORMAT WK1
END
-RUN
```

```

- * GENERATE PREFIXES FOR LAB CODES TO ALLOW SORTING BY
- * SPKLEVEL FOR GRAPHING PURPOSES (BOX AND WHISKERS)
*****

```

- TYPE PROCESSING WORKSHEET FOR BOX AND WHISKER PLOT FOR &PTEST

```
-INCLUDE BOXWHISK
-RUN
```

-RUN

-LOOP

```
-SET &x&xN=&x&xN+1;
```

```
-IF &&N LE 160 GOTO START ELSE GOTO QUIT;
```

-QUIT

PROGRAM: BOXWHISK.FEX

```

*****
-* THIS PROGRAM IS INVOKED BY SPKSTAT4 TO PRODUCE WK1
-* FILES TO BE IMPORTED TO STATGRAPHICS FOR BOX-AND-WHISKER
-* SUMMARIES FOR TRAVELLING SPIKED BLANK DATA.
-* PREFIXES ARE ATTACHED TO LAB-CODES TO ASSOCIATE SPIKING
-* LEVEL WITH THE LAB'S RESULTS.
*****

*****
-* GENERATE PREFIXES FOR LAB CODES TO ALLOW SORTING BY
-* SPKLEVEL FOR GRAPHING PURPOSES (BOX AND WHISKERS)
*****

FILEDEF FILLER DISK FILLER.FTM

- TYPE PROCESSING WORKSHEET FOR BOX AND WHISKER PLOT FOR &PTEST

DEFINE FILE MISASPK
DIFF/D15.3=(DAA-YAA)/RMDL;
SPKLEV/I3=INT(SPKLEVEL);
SPK_CODE/A3=EDIT(SPKLEV);
LAB_CODE/A8=SPK_CODE || '_' || CODE;
END

TABLE FILE MISASPK
PRINT PTEST DIFF SPKLEVEL RANKED BY LAB_CODE
IF PTEST EQ &PTEST
IF SPKLEVEL LE 999
ON TABLE HOLD AS CODELIST
END

*****
-* START LOOP THAT WILL GENERATE WK1 FILES FOR BOX & WHISKERS
-* AND FILL ANY MISSING RECORDS (I.E. IF LESS THAN 10 LAB_CODES)
-* USING THE FILE "FILLER"
*****

-SET &LOWER=0;
-SET &UPPER=10;
-SET &M=1;

-FILL

-SET &CODENAME=&PTEST || '_' || &M;

TABLE FILE CODELIST
PRINT DIFF
RANKED BY LAB_CODE
IF RANK LE &UPPER
IF RANK GT &LOWER
ON TABLE HOLD
END

-RUN

-IF &LINES LT 1 GOTO BOTTOM ELSE GOTO NEXT;

-NEXT

MATCH FILE HOLD
PRINT DIFF LAB_CODE BY RANK

```

RUN

FILE FILLER
SUM DIFF LAB_CODE BY RANK
AFTER MATCH HOLD AS HOLD2 NEW-NOT-OLD
END

MATCH FILE HOLD
PRINT RANK BY LAB_CODE BY DIFF
RUN

FILE HOLD2
PRINT RANK BY E05 BY E04
AFTER MATCH HOLD AS HOLD3 OLD-OR-NEW
END

TABLE FILE HOLD3
PRINT LAB_CODE DIFF
ON TABLE HOLD AS &CODENAME FORMAT WK1
END

-RUN

-SET &M=&M+1;
-SET &UPPER=&UPPER+10;
-SET &LOWER=&LOWER+10;
-GOTO FILL

-BOTTOM
DOS ERASE HOLD*.*
END



(8150)

MOE/MISA/REP/AMHF

Date Due

MOE/MISA/REP/AMHF

King, Donald E.

Report on the
reduction and

amhf

c.1 a aa